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CATALOG #15

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Catalog # 15 - DECEMBER 1994

JAMES AND FELICIA KREUZER, PROPRIETORS

The wind is whipping up and the snow is starting to fly, so I guess it's time for another catalog! It seems I've been receiving more calls lately from anxious buyers wondering when the next catalog is due to come out, so this should satisfy their cravings. In fact, I over-amped, and had to delete 16 books so we could fit in a couple pages of ephemera and handbooks.

This catalog is devoted to a good friend of mine, Ed Gager, who was a dedicated buyer of top quality items from previous catalogs for many years. Ed passed away suddenly in July at the young age of 43, just when things seemed to be going very well in his life. I handled his library at the request of his father, so many of the books may seem familiar. It wasn't easy but I know he would be pleased to share his fine books and the knowledge they impart with other historians. I'm sure Ed is having fun tinkering with his electronic goodies in the next world.

We now have a separate FAX line, 716-681-4540. Please use it whenever possible so I can reserve books for you more efficiently without tying up the phone lines. In September we produced our first catalog dedicated to telegraph & telephone books, and I must say it was a success. Next year we plan to concentrate on a special catalog primarily consisting of X-Ray and medical electricity literature for the 100th anniversary of Rontgen's discovery. If you have any duplicate X-Ray books or pamphlets, or items you've lost interest in, please let us know and we'll buy them or apply their value towards your purchases.

Please Have a Merry Christmas and a Very Happy & Safe New Year!!!

TERMS OF SALE

1. Shipping $1.00 per book on orders under $25.00; orders over $25.00 are shipped free, except as noted.

2. All payments are to be in U.S. funds. English customers may forward payment to Len Kelly, 75/77 Chapel Street, Tiverton, Devon EX16 6BU, His phone # is 0884 256170, and he always carries a nice selection of books on broadcasting!

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4. Books are guaranteed and may be returned for any reason within 7 days of receipt.

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AMATEUR BOOKS

1. **(MAGAZINE); Ham News Volume # 1 - Volume # 10 Complete 1946 - 1955** . 1st edition, 1946. Published by General Electric and contained in two volumes, these are in their original black cloth binding as sold by the publisher. They contain many articles on building transmitters, receivers, test equipment, amplifiers, tubes, etc. Very Good condition. Uncommon. $25.00

2. **(STOCK CERTIFICATE); Collins Radio Company** . 1st edition, 1966. A beautifully engraved stock certificate issued by Collins Radio Co. for 100 shares from 1966 to 1972. It measures 8" x 12" & is very suitable for framing. It has a vignette of a Greek God holding a staff & sitting between two hemispheres of the earth. A nice item to frame and hang in your shack! We only have a few of these, so order early! Fine condition. Scarce. $20.00

3. **AHARONI, J.; Antennae; An Introduction to their Theory** . 1st edition, 1946. This book gives a comprehensive account of the theory of antenna design and the calculation of its properties. A beautiful copy in its original dust jacket. 265 pages. 149 illus. Fine condition. Uncommon. $35.00

4. **BROWN, HUGH A.; Radio Frequency Electrical Measurements** . 2nd edition, 1938. A manual and guide for the practicing engineer and amateur written by an amateur, W9YH. This revised edition gives exact instructions for the more difficult measurements involved in determination of antenna, frequency and circuit specifications. 384 pages. 110 illus. Fine condition. Uncommon. $10.00

5. **CAMM, F. J.; Newnes Short-Wave Manual** . 5th edition, 1944. A treatise on the design, construction, operation and adjustment of short and ultra-short-wave receivers, aerials and equipment. Included are designs for building seven different short wave receivers. 192 pages. 100 illus. Very Good condition. Uncommon. $15.00

6. **CAMM, F.J.; Wireless Transmission For Amateurs** . Unknown edition, 1939. This book covers all aspects of amateur radio from the obtaining of an amateur transmitting license to the building of various transmitters. Published in England during the war, this book includes the original dust jacket. 144 pages. 120 illus. Very Good condition. Scarce. $15.00

7. **DOWSETT, H.M. AND WALKER, L.E.Q.; Technical Instruction For Marine Radio Officers** . 9th edition, 1950. This well-known book was formerly titled "Handbook Of Technical Instruction For Wireless Telegraphists". The new title reflects the heavy concentration of data concerning shipboard apparatus just after WWII. Includes many photos & illustrations of receivers, transmitters, and RDF equipment, as well as 31 fold out sheets. 699 pages. 708 illus. Good + condition. Scarce. $35.00

8. **EVERITT, WILLIAM LITTELL; Communication Engineering** . 2nd edition, 1937. A well balanced course in theory and applications of the various circuits making up radio transmitters and receivers. At the end of each chapter there is a concise bibliography on its contents. A serious book written just before WWII. From the Canada Teleglobe Library. 727 pages. 411 illus. Very Good condition. Uncommon. $20.00

9. **GRAY, LAURENCE AND GRAHAM, RICHARD; Radio Transmitters** . 1st edition, 1961. This book contains a wealth of technical information on the operation and maintenance of radio transmitters. It presents a practical analysis of transmitter operation in all its various phases. Circuits, components and the design & testing of transmitters are covered in detail. In perfect condition with a beautiful dust jacket. 462 pages. Fine condition. Scarce. $35.00

10. **JAMES, W.; Wireless Valve Transmitters** . 1st edition, 1924. This rarely seen book covers the design and operation of transmitting apparatus. Containing many illustrations, this book includes both CW and wireless telephony. One of the first books written on the subject. 271 pages. 210 illus. Very Good condition. Scarce. $35.00

11. **JONES, FRANK; 5 Meter Radiotelephony** . 3rd edition, 1934. One of the first publications dedicated to the 5 meter band, this nicely illustrated book includes details on building a number of sets, including superheterodynes, AC, DC and battery operation. Even the new "acorn" pentode is utilized in a transceiver. 64 pages. 95 illus. Very Good condition. Rare. Softcover. $25.00

12. **JONES, FRANK C.; Amateur Radiotelephony** . 1st edition, 1937. A complete and concise work on radiotelephony, with full details on the theory and applications in the field of amateur radio. An abundance of information is given on building your own transmitters, receivers, linear amplifiers and test equipment for voice communication. Includes many nice ads at the rear of the book 128 pages. 100 illus. Very Good condition. Scarce. Softcover. $20.00

13. **JONES, FRANK C.; The Radio Handbook** . 4th edition, 1938. Published by Radio Ltd., of Los Angeles, this handbook is the west coast equivalent of the ARRL radio amateur's handbook. Many types of antenna construction are shown, as well as transmitter and receiver circuits. It contains hundreds of photos and illustrations as well as many advertisments. 512 pages. Very Good condition. Uncommon. Softcover. $20.00

14. **KING, R.W. AND MIMNO, H.R AND WING, A.H.; Transmission Lines, Antennas And Wave Guides** . 1st edition, 1945. Developed from the lecture notes of a special war-time training course at Harvard University, this book is dedicated to the Armed Forces. The combination of professors and instructors who pooled their resources in improving techniques for teaching electronics produced an excellent manual on the subject. 347 pages. Very Good condition. Uncommon. $15.00

15. **KNEITEL, TOM; Surplus Conversion Handbook** . 1st edition, 1967. This very informative book covers both surplus transmitters and receivers. Some of the more famous pieces are the command sets, ARC-5, BC-348, ART-13, BC-375, SCR-274, BC-455, BC-603, Super Pro's and a host of other sets. 192 pages. Fine condition. Uncommon. Softcover. $25.00

16. **KRAUS, JOHN; Antennas** . 1st edition, 1950. This widely sought after volume covers the theory of antennas, emphasizing their engineering applications. An excellent reference for the practicing engineer, scientist or amateur radio operator. 553 pages. 520 illus. Fine condition. Scarce. $75.00

17. **LADNER, ALAN W. STONER, C. R.; Short Wave Wireless Communication** . 1st edition, 1933. This is an excellent work covering the recent introduction of short wave radio. Included is an explicit history on the subject, and a thorough description of circuits, antennas, and wave propagation. A very nice copy from the Teleglobe Canada Library. 348 pages. 10 photos. 199 illus. Very Good condition. Uncommon. $15.00

18. **LAPORT, EDMUND A.; Radio Antenna Engineering** . 1st edition, 1952. Finally found a copy of this elusive title! One of the best antenna books ever written, I've had at least 10 requests for this title, and here it is, first come first served. An aproach to antenna engineering incorporating many ideas involving design & construction. A classical work and excellent reference for the antenna or amateur radio buff. 563 pages. 650 illus. Fine condition. Rare. Dust Jacket. $110.00

19. **LEKASHMAN, LAWRENCE (EDITOR); CQ DX** . 1st edition, 1947. This book contains much useful information for the DX man, and is published by CQ magazine, back in their early days. Various chapters include the technique of working DX, QSL cards, DX predictions, QSL bureaus of the world, International time, and so on. This must be one of the first books dedicated to DX! 104 pages. Very Good condition. Scarce. Softcover. $15.00

20. **LEUTZ, C. R.; Short Waves** . 1st edition, 1930. This is the first full length book devoted solely to high frequency technology. Profusely illustrated with many photos of short wave apparatus, there are even chapters devoted to Television and Aircraft radio. A very desirable book. 384 pages. 185 illus. Fine condition. Scarce. $55.00

21. **MEN & WOMEN'S MATHEMATICS CLUB OF CHICAGO; Signal Corps School Posters** . 1st edition, 1942. A set of 14 posters that were prepared by the Signal Schools 6th Service Command. The sizes are 7 1/2" x 10" and 7 1/2 x 11", and were meant to be displayed in the Signal Corps schoolroom. The use of mathematics in various radio circuits is illustrated in each one, covering such topics as resonance, capacitors and graphs. Neat! Good + condition. Scarce. $25.00

22. **MILLEN, JAMES; Notes On Amateur Transmitter Design** . 1st edition, 1938. A fascinating collection of ideas and handy data for the amateur planning to upgrade or change his station equipment. Construction details for many circuits are shown, and there are many photos of vintage National equipment along with their specs and schematics. A nice 20 page catalog of National Equipment is included at the rear. 118 pages. Very Good condition. Scarce. Softcover. $30.00

23. **MILLEN, JAMES AND KRUSE, ROBERT S.; Below Ten Meters** . 1st edition, 1932. This is one of the first manuals on Ultra-Short-Wave radio. Profusely illustrated with many photos of early experiments, as well as details on the history and commercial applications of this part of the frequency spectrum. A chapter on the cathode-ray television at 5 meters, complete with photos proves very interesting! 68 pages. 55 photos. 67 illus. Very Good condition. Rare. Softcover. $45.00

24. **MILLEN, JAMES, BOUCK, ZEH AND OTHERS; The Manual Of Short Wave Radio (The National Co.)** . 1st edition, 1930. The how and why of long distance short wave communication- A compendium of everything the short wave experimenter should know. Published by the National Company, this is a collection of articles written by important authors such as James Millen, Robert Kruse, and other pioneers in short wave radio. A must for the ham radio historian 64 pages. Very Good condition. Scarce. Softcover. $25.00

25. **MILLS, JOHN; Electronics; Today and Tommorrow** . 1st edition, 1944. The fundamental theory of electronics written with a touch of humor by a sometime(!) member of the tech staff of Bell Telephone Laboratory. Quite a bit is covered about the vacuum tube, from Deforest to WWII, and leading into television, electron optics & high frequency operation. 178 pages. Good + condition. Scarce. $10.00

26. **REYNER, J.H.; Short-Wave Radio** . 3rd edition, 1942. A thorough explanation of short waves, and related circuits for receiving and transmitting. Antennas are also covered, as well as microwaves and UHF. Includes a nice dust jacket. 186 pages. 97 illus. Fine condition. Uncommon. $15.00

27. **THE EDITORS OF "RADIO"; The Radio Handbook** . 7th edition, 1940. This handbook, published annually, contains many fantastic articles on antennas, transmitters, recievers, and other home brew goodies. A complete tube characteristics guide and theory course is included. The perfect book for the home brew enthusiast. 608 pages. Very Good condition. Common.$20.00

28. **THE EDITORS OF "RADIO"; The Radio Handbook** . 15th edition, 1959. This handbook, published annually, contains many fantastic articles on antennas, transmitters, recievers, and other home brew goodies. A complete tube characteristics guide and theory course is included. The perfect book for the home brew enthusiast. 800 pages. Very Good condition. Common.$20.00

29. **VILBIG, FRITZ; Lerbuch Der Hochfrequenztechnik** . 3rd edition, 1945. A two- volume set published in German in 1945 on high frequency techniques, theory and application. Areas covered include static electricity, antennas, vacuum tubes, television and wireless. Published during the war, this fine set is quite rare. The sections on tubes and antennas are quite extensive. Contains over 1650 illust.! 1266 pages. Very Good condition. Very Rare. $95.00

30. **WILLIAMS, H. PAUL; Antenna Theory and Design** . 1st edition, 1950. This is volume I only, of a two volume set. This book deals with the fundamental theory of radiation and antennas. An extensive bibliography is included at the rear of the book. This is from the Teleglobe Canada Library in Canada. 142 pages. 56 illus. Very Good condition. Uncommon. $15.00

31. **WYBROW, S.G.; Electrical and Wireless Equipment Of Aircraft** . 4th edition, 1941. The primary object of this British publication is to educate ground engineers in the basic principles of design, care, maintenance & repair of aircraft radio equipment. Covers numerous types of 1930's Marconi receivers and transmitters. Many photos and illustrations accent the text. The front cover is slightly stained. 181 pages. 121 illus. Good + condition. Scarce. $20.00

ATOMIC ENERGY

32. **DIETZ, DAVID; Atomic Energy In The Coming Era** . 1st edition, 1945. A unique history of the buildup which led to the bomb, with enough theory to give one a basic understanding. Written just months after the bomb was dropped, it contains some nice photos including one of Einstein and Van de Graaf with a 1931 generator. 184 pages. Very Good condition. Scarce. $20.00

33. **GLASSTONE, SAMUEL; Sourcebook On Atomic Energy** . 1st edition, 1950. The author, a consultant to the Atomic Energy Commission, used his technical expertise to produce a book embracing both the history and present day developments of atomic energy. THE most reliable reference work on the subject of its day. The forward is by Gordon Dean, Chairman of the Atomic Energy Commission. 546 pages. Fine condition. Scarce. Dust Jacket. $35.00

34. **GOODMAN, CLARK AND OTHERS; The Science and Engineering Of Nuclear Power** . 1st edition, 1947. The fundamentals of chain-reacting systems and their theories written especially for the engineer (not specifically the rocket scientist!) The many excellent sources provide a wealth of information on the subject. Designated as volume I, part of the dust jacket is present. 535 pages. 104 illus. Very Good condition. Uncommon. $15.00

35. **LOS ALAMOS SCIENTIFIC LABORATORY; The Effects Of Atomic Weapons** . 2nd edition, 1950. This book presents, as accurately as possible, a technical summary of the results to be expected from the detonation of atomic weapons. Distinguished scientists from all over the country were consulted, as well as at Los Alamos. Contains many detailed photos of the damage at Hiroshima, Nagasaki, and Bikini. 456 pages. Very Good condition. Rare. Softcover. $25.00

Atomic Energy

36. **WENDT, GERALD & GEDDES, DONALD PORTER; The Atomic Age Opens** . 1st edition, 1945. The dust jacket is almost as colorful as the story of the bomb's development. Written shortly after Hiroshima, the book had the intention of providing both a history and the future applications of atomic energy. 251 pages. Very Good condition. Scarce. $30.00

BROADCASTING 1920-30

37. **ANDERSON, JOHN E.; Henley's Workable Radio Receivers** . 1st edition, 1925. This is an excellent book which contains many construction details on various types of circuits, from crystal sets to super-heterodyne receivers. A very popular book at the time, this should help anybody interested in building a home brew receiver. Includes a nicely illustrated front cover. 196 pages. 125 illus. Very Good condition. Scarce. Softcover. $20.00

38. **CAMM, F.J.; Newnes Wireless Constructor's Encyclopedia** . 1st edition, 1930. A complete guide to the construction, operation, repair, and overhaul of all types of wireless receivers and components. Contains a nice section on scanning disc television. The cover is somewhat faded. 392 pages. 490 illus. Good + condition. Uncommon. $25.00

39. **COLLINS, A. FREDERICK; The Radio Amateur's Handbook** . 3rd edition, 1924. An excellent reference work which details the theory and construction of wireless apparatus. All of the various receiving circuits are explained, including many illustrations. The cover is spotted, and the first chapter contains some underlining. 405 pages. 16 photos. 100 illus. Good condition. Uncommon. $10.00

40. **CROSLEY, POWELL; Simplicity Of Radio** . 3rd edition, 1924. A popular little volume written by the owner of Crosley Radio Co. This profusely illustrated book discusses the theory and practical application of radio as applied to their receivers and parts. A nice copy with many illustrations of early radio parts and accessories. 80 pages. Fine condition. Uncommon. Softcover. $20.00

41. **DUNCAN, RUDOLPH L. AND DREW, CHARLES E.; Radio Telegraphy and Telephony** . 2nd edition, 1931. This is a complete textbook for students of radio communication. Every area of receiving and transmitting theory and application is covered. Many receivers and transmitters are discussed and illustrated. 1046 pages. 527 illus. Very Good condition. Common. $10.00

42. **ELTZ, GEORGE J.; The Armstrong Super-Regenerative Circuit** . 1st edition, 1922. This book clearly describes the operation of the super-regenerative circuit, and includes diagrams and complete instructions and parts list for constructing your own receiver. Suggestions and assistance were provided by E.H. Armstrong in compiling this work. 52 pages. 20 illus. Very Good condition. Scarce. Softcover. $20.00

43. **EXPERIMENTER PUBLISHING CO.; Radio News Amateurs' Handibook** . 1st edition, 1923. A selected series of instructive articles for both the amateur and layman. A treasure trove of pre 1925 battery sets are described and illustrated, and construction details are given for many of the sets. Contains hundreds of illustrations and diagrams. This is the earliest printing of this book we've seen. 224 pages. Good + condition. Scarce. Softcover. $30.00

44. **H.M.S.O.; The Admiralty Handbook Of Wireless Telegraphy 1925** . 2nd edition, 1925. An in-depth study of the art of wireless telegraphy, written by His Majesty's Stationary Office. Covered are all types of receivers, transmitters including the Poulsen Arc, radiotelephony, and the vacuum tube. A nice copy of a hard to find title. 547 pages. 358 illus. Very Good condition. Scarce. $25.00

45. **HOGAN, JOHN V.L.; The Outline of Radio** . 1st edition, 1924. An easily understood treatise on radio, written with the laymen in mind. Contains a historical review and some nice photos of early gear, as well as an interesting bibliography of radio books. 256 pages. 15 photos. 68 illus. Very Good condition. Common. $15.00

46. **HUTCHINSON, ROBERT W.; A First Course In Wireless** . 1st edition, 1926. This book is intended for amateurs and experimenters and gives a clear insight into the fundamentals and practical working of wireless telegraphy and telephony. Crystal sets, one tube sets, and even a short description of television is given. The corner of the half-title is clipped and the last page is torn away, with some loss to the index 264 pages. 208 illus. Good condition. Uncommon. $15.00

47. **KEEN, R.; Wireless Direction Finding and Directional Reception** . 2nd edition, 1927. The ultimate early work on Radio Direction Finding. Contains 329 interesting illustrations and photos. Also has an excellent 17-page bibliography, containing 374 entries starting with Hertz's Electric Waves in 1893. 490 pages. Very Good condition. Scarce. $35.00

48. **LAUER, HENRI AND BROWN, HARRY L.; Radio Engineering Principles** . 2nd edition, 1928. This book was written to encompass all of the new and extensive developments made in the art of radio during the war. Contains many descriptions of various vacuum tube circuits not contained in the first edition. 301 pages. 227 illus. Very Good condition. Scarce. $15.00

49. **LEUTZ, CHARLES R.; Modern Radio Reception** . 3rd edition, 1928. This famous book was written by the man responsible for introducing super-heterodyne system to broadcast listeners. It contains many photos and illustrations of early superhet receivers and related components, and is considered the major book on the subject. A nice copy, except for some writing in ink on the front blank endpaper. 383 pages. 254 illus. Very Good condition. Scarce. $60.00

50. **LEWIS, E.H.; The A B C Of Vacuum Tubes In Radio Reception** . 1st edition, 1922. An early vacuum tube reference work, concentrating mainly on developing the elementary principles of theory and operation. The cover is nicely illustrated with a Moorehead audion. 132 pages. 48 illus. Very Good condition. Uncommon. $20.00

51. **LODGE, OLIVER AND OTHERS; Harmsworth's Wireless Encyclopedia (Three Volumes)** . 1st edition, 1923. This immense, three volume set conains over 5,000 illustrations, most of which are photos of various wireless parts, crystal sets, tube sets and even biographies of famous wireless inventors! This is without a doubt, the most complete treatise ever done on early radio! Contains many folding plates, truly the set for your bookshelf! 2272 pages. Very Good condition. Rare. $215.00

52. **LONG, S. H.; Navigational Wireless** . 1st edition, 1927. One of the first books devoted to the subject of Radio Direction Finding,it covers the principle and practical application. The apparatus is thoroughly discussed, along with many illustrations. 164 pages. 162 illus. Good + condition. Uncommon. $25.00

53. **NILSON, ARTHUR R.; Radio Questions And Answers For Government Examinations** . 1st edition, 1921. Written in 1921, this was one of the first radio operators license manual. This book contains some neat receiving and transmitting apparatus, including spark and arc transmitters. 86 pages. 43 illus. Good + condition. Scarce. Softcover. $15.00

54. **PACKER, A.H. AND HAUGH, R.R.; Radio for the Amateur** . 1st edition, 1922. This volume gives the theory of operation of wireless and also shows how to construct the receiving set. A nice copy of a seldom seen title published at the height of the broadcasting craze. 207 pages. 72 illus. Very Good condition. Common. $15.00

55. **PALMER, L.S.; Wireless Principles and Practice** . 1st edition, 1928. A nicely illustrated volume covering wireless circuits, the theory of the valve, spark and arc transmitters, wireless telephony, and directional wireless. Contains a fine bibliography at the end of each chapter. 504 pages. 307 illus. Very Good condition. Scarce. $20.00

56. **SIGNAL CORPS, U.S. ARMY; The Principles Underlying Radio Communication** . 2nd edition, 1921. Radio Pamphlet #40, prepared by the Bureau of Standards for the main purpose of instructing Signal Corps students in the art of wireless telegraphy during WWI. Includes many photos and Illus. of early radio gear, as well as a nice list of early radio books and periodicals. 619 pages. 10 photos. 294 illus. Good + condition. Common. $10.00

57. **SMITH, J. O.; Modern Radio Operation** . 1st edition, 1922. An excellent book for the radio enthusiast. Contains chapters on the radio telephone, spark vs. CW transmission, vacuum tube fundamentals, transmitting circuits, and general information for the amateur. Includes many photos and illustrations of early equipment and stations. 138 pages. 34 photos. 33 illus. Very Good condition. Scarce. $20.00

58. **STERLING, GEORGE E.; The Radio Manual** . 1st edition, 1928. Quite a well used book in its day, included are many photos of early wireless equipment such as WSA IP-501, SE-143, Marconi 106-D, and Western Electric type 4-D. Also covered are spark transmitters, direction finders, and amateur shortwave apparatus. 666 pages. 273 illus. Very Good condition. Uncommon. $20.00

59. **YATES, RAYMOND F. & PACENT, LOUIS G.; The Complete Radio Book .** 1st edition, 1922. A well written book designed to instruct and entertain the layman as to the practical, commercial, and romantic aspects of radiotelephone and telegraph communication. Contains many nice photos. Includes an excellent chapter on who's who in radio, giving biographical sketches on people such as George Clark, Elmer Bucher, etc.. 330 pages. 64 illus. Good + condition. Uncommon. $20.00

BIOGRAPHIES

60. **ASHCRAFT, E.W.; Faraday .** 1st edition, 1931. A tribute to a great but simple man, written in the centenary year of the discovery of electromagnetic induction. The author selected the best parts of Bence Jones' and Tyndall's biographies, resulting in a stylized account of the most special highlights in his life. From The Franklin Institute Library. Some spine wear, o/w a very nice copy. 133 pages. Good + condition. Rare. $45.00

61. **BLOOM, URSULA; He Lit The Lamp .** 1st edition, 1958. The life of the great author and inventor, Prof. A.M. Low. He dabbled in so many areas, from rockets to deaf aids and contributed to the development of X-Ray and television. 214 pages. 26 photos. Good + condition. Uncommon. $15.00

62. **BROWN, SANBORN C.; Count Rumford: Physicist Extraordinary .** 1st edition, 1962. A concise biography of Benjamin Thompson who not only made his mark in physics, but during the Revolutionary War, in espionage. Quite a fascinating account of a famous scientist & inventor. Ex-library. 178 pages. 35 illus. Very Good condition. Uncommon. $10.00

63. **BRUCE, ROBERT V.; Alexander Graham Bell and The Conquest Of Solitude .** 1st edition, 1973. This remarkable biography presents the first intimate look at the inventer of the telephone. The author was fortunate enough to be able to work with Bell's notebook, letters and papers. 564 pages. 27 photos. 25 illus. Fine condition. Uncommon. Dust Jacket. $20.00

64. **BRYAN, GEORGE S.; Edison; The Man and His Work .** 1st edition, 1926. A fascinating biography about the wizard of Menlo Park. A factual account of Edison's life including an excellent chronology and extensive 7-page bibliography. A colorful and interesting dust jacket depicts Edison inside a light bulb. 350 pages. 13 photos. Very Good condition. Uncommon. $25.00

65. **BUSH, VANNEVAR; Vannevar Bush: Pieces Of The Action .** 1st edition, 1970. Sixty years in the life of a famous scientist who pioneered work on projects during WWII, and subsequently, computer analysis. Bush established the "Manhatten Project" and developed and exploded the first atomic bomb. His reflections on past activities make for very interesting reading. 366 pages. Fine condition. Common. Dust Jacket. $15.00

66. **CARNEAL, GEORGETTE; Conqueror Of Space; The Life Of Lee DeForest** . 1st edition, 1930. An authorized biography of the life and work of Lee DeForest. The first biographical account of the inventor of the three element vacuum tube. Contains his life story and inventions up to 1930, and an excellent history of wireless telegraphy. 296 pages. Very Good condition. Scarce. $40.00

67. **CARTER, SAMUEL; Cyrus Field: Man Of Two Worlds** . 1st edition, 1968. A magnificent book presenting the most detailed biography on the man responsible for the laying of the Trans-Atlantic cable. It paints a complete picture of Field and his efforts to promote and eventually establish communications between the old and the new worlds. Includes an extensive bibliography and a colorful dust jacket. 380 pages. 40 illus. Fine condition. Scarce. . $25.00

68. **CLARK, RONALD W.; Edison; The Man Who Made The Future** . 1st edition, 1977. In this volume, the author describes Edison's early, untutored upbringing, his first inventions, and his struggles in the industrial jungle in the aftermath of the civil war. Also described is the work he did in the rubber industry for the U.S. Navy during WWI. Includes a nice bibliography. 256 pages. 60 photos. Fine condition. Uncommon. $20.00

69. **COE, DOUGLAS; Marconi; Pioneer of Radio** . 2nd edition, 1961. This biography is written in a different light than the other famous works on the inventor. It is more personable, and the author went as far as to duplicate some of Marconi's early apparatus to see it work. Included is a listing of Marconi's many awards and honors. Ex-library. 256 pages. 30 illus. Good + condition. Uncommon. $20.00

70. **DUNLAP, ORRIN E.; Marconi: The Man and His Wireless** . 1st edition, 1937. This book was written in April 1937, and Marconi died in July 1937, so this was the only true biography written while he was still alive. Very concise and detailed in every way about Marconi's life and achievements. Includes a defective dust jacket. 360 pages. 15 photos. Very Good condition. Scarce. $45.00

71. **DYER, FRANK LEWIS AND THOMAS COMMERFORD MARTIN; Edison; His Life and Inventions Vol.I,II** . 1st edition, 1910. The first complete, authentic and authorized record of the work of Thomas Edison during his active life. Includes an excellent 155-page appendix with many illustrations and 29-page list of United States and foreign patents. Contained in two volumes, this set is in beautiful condition. 989 pages. 26 photos. Fine condition. Rare. $110.00

72. **EVLANOFF, MICHAEL AND FLUOR, MARJORIE; Alfred Nobel: The Loneliest Millionaire** . 1st edition, 1969. An intimate look at the solitary life of the inventor of dynamite, founder of an industrial empire, and humanitarian who left as his legacy the Nobel Peace Prize. A complete list of the winners is given at the end, along with their achievements. A letter is included which states that this was a gift from Mr. Fluor, one of the authors. 336 pages. 10 photos. Very Good condition. Uncommon. Dust Jacket. $15.00

73. **FERMI, LAURA; Atoms In The Family- My Life With Enrico Fermi .** 1st edition, 1963. An excellent story of the man who helped open the doors to the atomic age and his contributions afterward. Ex-library. 265 pages. 36 photos. Very Good condition. Uncommon. Dust Jacket. $15.00

74. **FLEMING, JOHN AMBROSE; Memories Of A Scientific Life .** 1st edition, 1934. This important biography describes the life of the inventor of the thermionic valve, or vacuum tube. It tells of his early days working on the telephone and electric lighting systems, as well as his most important work with Marconi. A nice tight copy with a seldom seen dust jacket. 244 pages. Very Good condition. Scarce. $65.00

75. **GARBEDIAN, H. GORDON; George Westinghouse; Fabulous Inventor .** 1st edition, 1943. The story of a prolific inventor involved in both railroad and electrical development. More than 360 patents are registered in his name, and are listed in the appendix of the book. Includes a nicely illustrated dust jacket. 235 pages. 22 photos. Fine condition. Uncommon. $25.00

76. **GEDDES, KEITH; Guglielmo Marconi: 1874-1937 .** 1st edition, 1974. A very informative book on the life of Marconi. Published by the British Science Museum, many clear photos of his apparatus are present. 40 pages. 23 photos. Very Good condition. Common. Softcover. $10.00

77. **GLADSTONE, J.H.; Michael Faraday .** 2nd edition, 1873. A well-written biography of the famous electrician responsible for the discoveries leading to many electrical inventions. This early work, written by a friend of Faraday's, contains some interesting facts not brought out elsewhere. 223 pages. Good + condition. Rare. $55.00

78. **GLAZEBROOK, R.T.; James Clerk Maxwell and Modern Physics .** 1st edition, 1896. An excellent account of the work and early researches of James Clerk Maxwell, especially the scientific study of his electrical theories. The front blank endpaper is missing. 224 pages. Good + condition. Rare. $55.00

79. **GOLDMARK, PETER; Maverick Inventor; My Turbulent Years At CBS .** 1st edition, 1973. This biography recounts Goldmark's triumph over the recording industry when he invented the long-playing record. Within this book, his trials and tribulations concerning the corporate wars against David Sarnoff and the FCC are well-explained, as is color TV. 278 pages. Fine condition. Uncommon. $20.00

80. **HAWKS, ELLISON; Pioneers Of Wireless .** 1st edition, 1927. An incredible collection of biographies of the men who made wireless possible. Other than Dunlap's 100 Men of Science, this is the only true compilation of scientists from William Gilbert in 1600. to E.F.W. Alexanderson who gave us the high frequency alternator. This is the first copy we've had in a couple of years! 304 pages. 24 photos. 45 illus. Good + condition. Very Rare. $85.00

81. **HUBERT, PHILIP G. JR.; Inventors** . 1st edition, 1893. This is a excellent book dealing with our most famous inventors, including Ben Franklin, Morse, Goodyear, Edison, Graham Bell, Charles Brush, George Westinghouse and many others. 299 pages. 72 illus. Very Good condition. Scarce. $45.00

82. **JERROLD, WALTER; Michael Faraday: Man of Science** . 1st edition, 1891. A popular biography of this most important 19th century scientist, compiled with the use of original manuscripts from his family. The front cover is a beautifully embossed illustration, in color, of Faraday performing an experiment. Spine is faded, but it's a nice tight copy. 160 pages. 25 illus. Good + condition. Rare. $65.00

83. **JOLLY, W.P.; Sir Oliver Lodge; Psychical Researcher and Scientist** . 1st edition, 1974. A modern biography of Britain's greatest physical scientist whose pioneering work in wireless and psychical research have established him as a historic figure. Contains an excellent 8-page bibliography. 256 pages. 9 photos. Fine condition. Scarce. Dust Jacket. $20.00

84. **JONES, FRANCIS ARTHUR; Thomas A. Edison; Sixty Years Of An Inventors Life** . 1st edition, 1907. An excellent biography on the early days of this great inventor. The author, while doing a series of interviews with Edison for a magazine article, was invited by the great man to use the Edison Library for his research, and ended up becoming a personal friend. 375 pages. 20 photos. Very Good condition. Scarce. $45.00

85. **JUDSON, ISABELLA FIELD; Cyrus W. Field: His Life And Work** . 1st edition, 1896. An exhaustive biography of Cyrus Field and his work with the Atlantic Cable. Published 4 years after his death and seldom seen for sale, it is the first and most accurate account of his life. 332 pages. 15 illus. Very Good condition. Rare. $85.00

86. **LAMME, BENJAMIN GARVER; Benjamin Garver Lamme: An Autobiography** . 1st edition, 1926. A fascinating story of one of the most important electrical engineers of the 19th Century. It traces his discoveries and inventions on motors at Westinghouse to the development of railway electrification. Included is a list of his published papers. Contains a damaged dust jacket. 271 pages. 45 photos. Very Good condition. Uncommon. $20.00

87. **LAVINE, SIGMUND A.; Steinmetz: Maker Of Lightning** . 1st edition, 1967. An intimate portrait of a mathematical genius, chemist and electrical wizard. One of the most thorough of his biographies accented with some excellent photos. 242 pages. 10 photos. Very Good condition. Uncommon. $20.00

88. **LESSING, LAWRENCE; Man of High Fidelity: Edwin Howard Armstrong** . 1st edition, 1956. This is the story of the greatest American inventor since Edison. Armstrong discovered the regenerative circuit, superheterodyne circuit and developed the FM mode of communication. 320 pages. 16 photos. 12 illus. Very Good condition. Scarce. $55.00

89. **LODGE, SIR OLIVER; Pioneers of Science** . 2nd edition, 1910. A biographical compilation of ancient scientists and other early men who explored the unknown. Included are Copernicus, Kepler, Galileo, Newton, and Halley. Contains many fine illustrations. Finely bound in decorative gilt cover with gilt edges. 404 pages. 120 illus. Very Good condition. Rare. $40.00

90. **LODGE, SIR OLIVER; Past Years; An Autobiography** . 1st edition, 1931. An outstanding and complete life story of one of history's most famous scientists. In this work he describes his ancestry and early years and his relations and scientific work with other scientists of the age. His early experiments in wireless telegraphy and tuning are explained in detail. 364 pages. 16 photos. Fine condition. Scarce. $45.00

91. **MAY, CHARLES P.; James Clerk Maxwell and Electromagnetism** . 1st edition, 1964. The story of the man who laid down the mathematical theories on electricity and magnetism that led to the discovery of wireless telegraphy. Includes a nicely illustrated dust jacket. 152 pages. Very Good condition. Common. $15.00

92. **MCCLURE, J.B.; Edison and his Inventions** . 2nd edition, 1889. The first book published about Edison and his early work, depicting many incidents, anecdotes, and interesting particulars connected with the life of this great inventor. Includes full explanations of the telephone, phonograph, and electric light. Contains many rarely seen engravings of his early inventions. A hard to find volume! 280 pages. 68 illus. Good + condition. Rare. $125.00

93. **MEADOWCROFT, WILLIAM H.; The Boy's Life of Edison** . 2nd edition, 192. A fine biography written by a member of the Edison laboratory, designed for boys and girls of all ages. An abridgement of the two-volume biography by Dyer and Martin, containing a nice profile photograph of Edison on the front cover. This is a signed presentation copy from the author, who was Edison's secretary for many years. 367 pages. 8 photos. Very Good condition. Uncommon. $65.00

94. **MILLER, FLOYD; The Electrical Genius Of Liberty Hall: Charles Proteus Steinmetz** . 1st edition, 1962. An enthralling account of a geniuses' life told partially through personal accounts of his grandchildren. Steinmetz was responsible for General Electric's growth in the late 1890's and early 1900's. This book shows the human side of an idealistic experimenter 127 pages. 19 photos. Very Good condition. Uncommon. Dust Jacket. $20.00

95. **MILLIKAN, ROBERT A.; The Autobiography Of Robert A. Millikan** . 1st edition, 1950. The reflections and recollections of a famous physicist written with humor and style. He gives an interesting account with photos of other famous men and women he has known. One of the foremost pioneers in atomic physics, and winner of the Nobel Prize. 311 pages. 15 photos. Fine condition. Uncommon. Dust Jacket. $20.00

96. **MOSKOWITZ, SAM; Hugo Gernsback: Father Of Science Fiction** . 1st edition, 1959. The only biography on Hugo Gernsback I know of, it was produced to honor him on his 75th birthday. A few photos are reproduced from Modern Electrics magazine and Science Wonder Stories to demonstrate his imaginative abilities. A fine synopsis of the life of the "Father Of Science Fiction". 32 pages. 7 photos. Very Good condition. Scarce. Softcover. $25.00

97. **PHILIPS, FREDERIK; 45 Years With Philips** . 1st edition, 1978. The story of the development of the Phillips Co. from its beginnings as a small light bulb factory in 1891 to the present day worldwide concern. This inspirational autobiography follows the author from World War I to the challenges of preserving modern day industry such as the developments of the CD and video tape player. 280 pages. 48 photos. Fine condition. Uncommon. Dust Jacket. $25.00

98. **RADOVSKY, M.; Alexander Popov; Inventor of Radio** . 1st edition, 1957. The English translation of the scarce biography of Alexander Popov. According to the Russians, he was the true inventor of radio, not Marconi. Many photos of his apparatus as well as others are shown in the book. The only book length biography done on Popov. 130 pages. 30 photos. Fine condition. Rare. $90.00

99. **SILVERBERG, ROBERT; Niels Bohr; The Man Who Mapped the Atom** . 1st edition, 1965. By working with Max Planck's quantum theory, Bohr laid the groundwork for the most devastating scientific breakthrough of the century-the splitting of the atom. This book begins with his escape from Denmark, through the dawn of the atomic age, to his death in 1962. Ex-library 189 pages. Good + condition. Uncommon. Dust Jacket. $20.00

100. **SZYMANOWITZ, RAYMOND; Edward Goodrich Acheson** . 1st edition, 1971. The life story of a self-taught inventor who ended life with 70 patents. He discovered carborundum and graphite as well as other manufacturing processes. He formed a friendship with his peers, Nikola Tesla, and Thomas Edison, working for many years under Edison's guidance. 628 pages. 20 photos. Fine condition. Uncommon. $15.00

101. **THOMPSON, SILVANUS P.; Michael Faraday - His Life and Work** . 1st edition, 1901. A fascinating, objective and accurate biography of Michael Faraday, written by a fellow electrical engineer who understood the theories his theories and discoveries. 308 pages. 22 illus. Very Good condition. Scarce. $65.00

102. **THOMPSON, SILVANUS P.; Philipp Reis: Inventor of the Telephone** . 1st edition, 1883. An extremely rare account of the actual invention of the telephone. Included is the biography of the inventor and his apparatus, along with the claims, documents, and testimony concerning the court case. A beautiful copy with only two slight 1" tears on the pages. 182 pages. 50 illus. Very Good condition. Very Rare. $135.00

Biographies

103. **THOMSON, GEORGE; J.J. Thomson and The Cavendish Laboratory In His Day** . 1st edition, 1965. The story of the man who discovered the electron, written by his son, in his own right an eminent physicist. In developing Maxwell's theories and researching electromagnetism his work revolutionized the field of physics. 186 pages. 25 illus. Fine condition. Uncommon. Dust Jacket. $20.00

104. **VANDERBILT, BYRON M.; Thomas Edison, Chemist** . 1st edition, 1971. This biography takes into account the chemical aspects of such major inventions as the light bulb and phonograph. The author refers mainly to technical journals & patents. An unusual account published by the American Chemical Society. Includes a nicely illustrated dust jacket. 373 pages. 32 illus. Fine condition. Uncommon. $20.00

105. **VYVYAN, R.N.; Wireless Over 30 Years** . 1st edition, 1933. This early treatise deals with Marconi's personal life as well as his experiments in wireless telegraphy up to 1930. Vyvyan was Marconi's senior engineer, and therefore presents an objective view of his life and work. A tough book to find, especially with a nice dust jacket. 256 pages. 16 photos. 12 illus. Very Good condition. Scarce. $85.00

106. **WOODBURY, DAVID O.; A Measure For Greatness** . 1st edition, 1949. An inspiring biography of Edward Weston, along with a chronological record of Weston's inventions cast against a background of the general development of the electrical art. Weston's electric motors, incandescant lamps and measuring devices made a large impact in the technological development of our country, includes a nice dust jacket. 230 pages. 12 illus. Very Good condition. Scarce. $40.00

BIBLIOGRAPHY/REF

107. **ASIMOV, ISAAC; Biographical Encyclopedia Of Science And Technology** . 1st edition, 1964. This excellent reference work contains brief biographies on more than 1000 great scientists from ancient times to the present. Extensive cross references and a large index are quite useful to the researcher. This is a history of science told through biographies. George Shiers bookplate. 662 pages. 79 photos. Fine condition. Uncommon. $25.00

108. **EKELOF, STIG; Catalog Of Books On The History Of Electricity In The Chalmers Univ. Library** . 1st edition, 1964. Contained in 3 volumes, they constitute a major bibliographical reference source of important works in electricity and wireless. Part I deals with pre 1820 titles including biographies & collected works, Part II: Post 1820 to present (1966) & Part III History of Electrical Engineering (1982) including radio, television, and radar. 524 pages. Very Good condition. Scarce. Softcover. $195.00

109. **RONALDS, SIR FRANCIS (THE RONALDS LIBRARY); Catalogue of Books and Papers Relating To Electricity and the Electric Telegraph** . 1st edition, 1880. This rarely seen catalog has now been reprinted, in A Limited Edition (150 copies). Probably the best bibliography ever printed on early and important books relating to telegraphy and electricity. This catalog contains over 13,000 entries of books, pamphlets and serials. This is one reference book I DO USE to help construct this catalog! Its great! 552 pages. New condition. Common. $85.00

110. **SHIERS, GEORGE; Bibliography Of The History Of Electronics** . 1st edition, 1972. A pioneer work dedicated to the listing of articles, books and other printed materials associated with the historical aspects of electronics and telecommunications. Subjects included are electricity, wireless, telegraph, television, telephone, radar, audio, biographies. A must for the serious historian of electrical technology. Great! 323 pages. Very Good condition. Scarce. $75.00

111. **WEAVER, WILLIAM D.; The Wheeler Gift Catalog** . 1st edition, 1909. This two volume set was a limited edition printed soley for the members of the American Institute Of Electrical Engineers. The famous library of Latimer Clark, sold to Wheeler who eventually donated it to the IEE. A fantastic collection of 7000+ early electrical, telegraph & telephone books & pamphlets. A premier reference work! 979 pages. 60 illus. Very Good condition. Very Rare. $395.00

BROADCASTING, SOCIAL

112. **ALICOATE, CHARLES A. (EDITOR); Radio Annual and Television Yearbook 1957** . 1st edition, 1957. The standard guide & reference work of the electronic field, this scarce volume reflects the year 1956 when color tv was on the verge of general use. This large volume is loaded with advertizing and information on agencies and TV & radio stations, along with many lists of disc jockeys, equipment Mfgrs, etc. In beautiful embossed cover! 1360 pages. Very Good condition. Rare. $55.00

113. **CAMPBELL, ROBERT; The Golden Years Of Broadcasting** . 1st edition, 1976. This book is a celebration of the first 50 years of NBC's network broadcasting. The text is rich in nostalgia, recalling radio's hesitant beginnings and its subsequent blossoming into full scale television productions. Contains over 60 full color photos as well as more than 200 in black and white. 256 pages. 270 photos. Fine condition. Uncommon. Dust Jacket. $20.00

114. **GLICK, IRA AND LEVY, SIDNEY; Living With Television** . 1st edition, 1962. An interesting book about the people who live with television; the protesters, the embracers, and the accommodators, and how & why they respond to what they see and hear. 262 pages. Fine condition. Common. Dust Jacket. $10.00

115. **KDKA (PUBLISHER); KDKA Family Album** . 1st edition, 1942. An unusual little album measuring 5" x 6" portraying 29 of KDKA's personalities, each one autographed by the performer! Included are Bernie Armstrong, Buzz Aston, Pat Holly etc.. In very nice condition throughout, a unique item that was published to help out with the War Bond drive in WWII. 30 pages. 29 photos. Very Good condition. Rare. Softcover. $65.00

116. **ROLO, CHARLES J.; Radio Goes To War - "The Fourth Front"** . 1st edition, 1942. A survey of radio during World War II, covering America, Britain, France, Germany, Italy and Russia. Written as the war was going on, this book provides an intricate look at how the networks adapted their programming and style to meet the change. 293 pages. Fine condition. Scarce. $35.00

COMPUTER

117. **BERKELEY, EDMUND C.; Giant Brains Or Machines That Think** . 1st edition, 1950. An excellent early treatise on the electronic computer. Detailed are the ENIAC, IBM, and the giant computer at MIT. An in-depth description of the basic functions is included, along with an extensive bibliography and notes to clarify his terminology. The second printing of a rarely seen first edition. 270 pages. 75 illus. Very Good condition. Scarce. $60.00

118. **BERNSTEIN, JEREMY; The Analytical Engine** . 1st edition, 1964. A thought-providing account of the past, present, and future of the computer. This book provides the common reader with an understanding of the machine that was to change the world. Includes a nicely illustrated dust jacket. 113 pages. Fine condition. Common. Dust Jacket. $20.00

119. **BOWDEN, B.V. (EDITOR); Faster Than Thought** . 1st edition, 1963. This famous treatise on early computing includes a section of over 115 pages on the history and theory of early computers. All of the computers in Britain and America are well described, and there are many photos of early computer apparatus. This is the 3nd printing. 416 pages. 18 photos. 50 illus. Very Good condition. Scarce. $25.00

120. **KORN, GRANINO AND THERESA; Electronic Analog Computers** . 1st edition, 1952. A comprehensive overview of DC analog computers including designing, circuit theory, and references for computer systems development. Thoroughly interspersed with numerous diagrams and illustrations. One of the first books published on the electronic computer. 378 pages. Fine condition. Scarce. $45.00

121. **LATIL, PIERRE DE; Thinking By Machine** . 1st edition, 1957. A concise and thorough guide to the wonders of automation, including its theories and development, bringing one an overall view of cybernetics in its infancy. 353 pages. 8 photos. Very Good condition. Scarce. Dust Jacket. $20.00

Computer

122. **PAYNTER, H.M.; A Palimpsest On The Electronic Analog Art** . 1st edition, 1955. A collection of important papers and articles on the development of the electronic computer written during the 1940's and 1950's. Included are many illustrations and bibliographic references pertaining to the early computers. 270 pages. 250 illus. Very Good condition. Rare. Softcover. $40.00

123. **PFEIFFER, JOHN; The Thinking Machine** . 1st edition, 1962. An entertaining introduction to the world of the computer, from Babbage's ideas to descriptions of the ENIAC, missile tracking systems, artificial intelligence and miniature electronic circuits in 1962! 243 pages. 13 photos. Very Good condition. Uncommon. Dust Jacket. $15.00

124. **RICHARDS, R.K.; Arithmatic Operations In Digital Computers** . 1st edition, 1955. Written by a Development Engineer at IBM, this is an early text on operations devoted to the digital computer. Functional block diagrams simplify the knowledge required to understand the computer functions. This text was used as a set of notes for an engineering course at IBM. Includes an extensive bibliography. 397 pages. Fine condition. Scarce. $20.00

125. **WIENER, NORBERT; Cybernetics** . 1st edition, 1957. This work describes control and communication in the animal and the machine. This is the famous study of human control functions and the various mechanical-electrical systems designed to replace them. A nice copy of the 13th printing, including a near perfect dust jacket. 194 pages. Fine condition. Scarce. $25.00

126. **WOODBURY, DAVID O.; Let Erma Do It** . 1st edition, 1956. A history of automation told in a straightforward fashion in the days of its infancy. Erma, the Electronic Recording Machine is disected by David Woodbury from the binary system which controls it to its various robotic functions. The author was research assistant to Dr. Vannevar Bush. The rear blank endpaper is missing, Ex-library. 305 pages. 32 illus. Good + condition. Scarce. Dust Jacket. $15.00

ELECTRICITY

127. **(TRADE CATALOG); Griffin and Tatlock Scientific Apparatus Catalog No. 70** . 1st edition, 1934. A wonderful trade catalog from this famous British scientific instrument maker. It includes laboratory equipment and apparatus for demonstration in mechanics, sound, heat, light and electricity. Some of the items listed are microscopes, induction coils, geissler & Crookes' tubes and galvanometers. 428 pages. Good + condition. Rare. $65.00

128. **(TRADE CATALOG); Griffin's Scientific Handicraft** . 1st edition, 1910. An incredible catalog filled with thousands of illustrations of scientific instruments and demonstration apparatus. Contains many pages of electrical goodies including Rontgen ray apparatus and tubes, Geissler & Crookes' tubes, Friction machines, galvanometers, motors, dynamos & even a coherer receiver-transmitter! Spine is chipped at top 1037 pages. Good + condition. Very Rare. $195.00

129. **(TRADE CATALOG); Pettinger-Andrews Co.** . 1st edition, 1905. Designated as catalog #12, this bountiful catalog includes hundreds of illustrations & prices on telegraph, telephone and electric light supplies. Many insulators are shown, along with early meters, batteries, motors and unusual light bulbs. A nice hardbound catalog from the early 20th century. 680 pages. Very Good condition. Rare. $115.00

130. **(TRADE CATALOG); Central Electric Co.** . 1st edition, 1899. A dynamite trade catalog from this well-known Chicago electrical supply house. It includes such goodies as incandescant light bulbs and outrageous fixtures, arc lighting, insulators, electric fans, telegraph & telephone supplies and test instruments. Also tucked in were a few single ad sheets & the confidential discount sheet. Nice! 537 pages. Good + condition. Rare. $115.00

131. **(TRADE CATALOG); Manhattan Electrical Supply Co.** . 1st edition, 1904. This is Mesco catalog #18 containing thousands of beautiful illustrations depicting early telegraph, telephone, electrical and even blasting machines! Insulators, fans and testing gear are also found in abundance. There is some stains on the bottom corner of the first and last few pages, not affecting the text. A tight copy. 640 pages. Good + condition. Rare. Softcover. $95.00

132. **ABBOTT, ARTHUR VAUGHAN; Electrical Transmission Of Energy** . 1st edition, 1895. A massive treatise encompassing all aspects of the subject and showing many drawings of insulators, cables, meters & transmission systems. A rare and unusual volume containing many folding plates tucked into a special bound pocket in the rear. Includes an overview of the various systems in use at Telluride, Niagara Falls & Pomona Ca. 586 pages. 289 illus. Good + condition. Very Rare. $75.00

133. **ADAMS, EDWARD DEAN; Niagara Power, Volumes I and II** . 1st edition, 1928. A history of the Niagara Falls Power Company and evolution of its central power station and alternating current system. These two large volumes contain a wealth of information along with hundreds of photos, and are the most complete account ever written on the subject. The work of Westinghouse and Tesla is described in detail. A super item! 949 pages. 277 illus. Very Good condition. Scarce. $115.00

134. **ASSOCIATION ISLAND COOPERATION (EDISON ADMIRERS); Camp Co-operation -Book Of Proceedings** . 1st edition, 1913. An extremely rare and inspirational volume presenting a series of speeches which quite possibly influenced the growth of electricity in the world. This meeting of Presidents of electrical associations, and leaders from the electrical industry included Steinmetz, Insull, Elbert Hubbard etc. In 3/4 leather bndg, a signed copy from J. Crouse. 235 pages. Good + condition. Very Rare. $95.00

135. **ATKINSON, PHILLIP; Electricity For Everybody** . 1st edition, 1895. From static electricity to the telegraph and telephone, a simple, well illustrated, early treatise on the subject. The cover is embossed with a cloud with lightning bolts, and the spine is lined with batteries. 239 pages. 100 illus. Very Good condition. Scarce. $35.00

136. **AUDEL & CO.; Hawkins Electrical Guide (10 Volumes)** . 1st edition, 1927. Definitely the most in-depth collection of information on electrical apparatus published up to that time. Bound in black leatherette covers, this set has 4,711 illustrations! Subjects covered include; Wireless Telegraphy, Meters, Telephone, Telegraph, Induction Coils, Electro-Therapeutics, X-Rays, Motion Pictures etc. etc.... 3367 pages. Good + condition. Common. Softcover. $35.00

137. **BARNARD, CHARLES; First Steps In Electricity** . 1st edition, 1888. Designed for the entertainment and instruction of young people at home and in school. This book describes a number of electrical experiments, and ends with a discussion about the telephone, telegraph and electric motors. The cover is slightly soiled. 133 pages. 14 illus. Good + condition. Scarce. $20.00

138. **BECQUEREL, ANTOINE CESAR; Traite' Experimental De L'Electricite' Et Du Magnetisme (7 Volumes)** . 1st edition, 1834. A very important set on electricity & magnetism, printed from 1834 - 1840, bound in blue quarter morocco leather with wear to the top of the spines. This set came from the Library Of "The Electrician" magzn. Contains 17 folding plates with 348 illus. The first thorough treatise on modern electricity. An atlas with 28 plates and maps is not present 3487 pages. Good + condition. Very Rare. $425.00

139. **BEDELL, FREDERICK AND CREHORE, ALBERT C.; Alternating Currents** . 1st edition, 1893. A logical treatment of alternating current based on its fundamental principles leading into application in circuits, which are emphasised using curves and graphs. A very early treatise on the subject. 325 pages. 112 illus. Good + condition. Rare. $20.00

140. **BLACK, R.M.; Electric Cables in Victorian Times** . 1st edition, 1972. The evolution of the electric cable from its introduction in 1795 to 1900. Intricate photos accompany the story which includes insulated telegraph & electric light cables, and a chronology as well as a bibliography for the appendix. 51 pages. 29 photos. Fine condition. Uncommon. Softcover. $15.00

141. **BRENNAN, M.S.; Electricity And Its Discoverers** . 1st edition, 1885. This early book provides biographical sketches of the men responsible for discoveries in the electrical sciences, including Galvani, Faraday, Morse and Ben Franklin. The telegraph and telephone are discussed as to who was the rightful inventor. From The Franklin Institute Library. 191 pages. Good + condition. Rare. $55.00

142. **DARROW, KARL KELCHNER; Electrical Phenomena In Gases** . 1st edition, 1932. This book explains extensively the conduction of electricity through gases. Beginning with the production of ions it leads into their movement and subsequent deflection and diffusion. The latter chapters touch upon thermionic emission and various luminous discharge. From the Southwestern Bell Telephone Library. 492 pages. 91 illus. Very Good condition. Scarce. $35.00

143. **EDGCUMBE, KENELM; Industrial Electrical Measuring Instruments** . 2nd edition, 1918. This book covers the subject of electrical measuring instruments in its entirety. Constructional details of all types of instruments is included, as well as the various items themselves; wheatstone bridges, galvanometers, ammeters, voltmeters, wattmeters, frequency meters and even the oscillograph. From the Carnegie Library. 414 pages. 260 illus. Very Good condition. Scarce. $55.00

144. **EWING, J.A.; Magnetic Induction In Iron and Other Metals** . 1st edition, 1892. An early treatise on the subject published as part of The Electrician series. This volume thoroughly describes and demonstrates the fundamental theories of magnetism, methods of measurement, hysteresis, and effects of heat and stress on induction. 351 pages. 159 illus. Good + condition. Rare. $25.00

145. **FARADAY, MICHAEL; Faraday's Experimental Researches in Electricity** . 1st edition, 1965. Faraday's famous treatise which was reprinted from the philisophical transactions. Originally published in three volumes in 1839-1855, this two volume Dover reprint is an unaltered republication of this rare work. This book laid the groundwork for James Clerk-Maxwell and Heinrich Hertz. A fine set with dust jackets. 1464 pages. 236 illus. Fine condition. Scarce. $55.00

146. **FERGUSON, ROBERT M.; Electricity** . 1st edition, 1873. An early work on the various theories and phenemona connected with the development of electrical science. Faraday's theory of induction, static electricity, electro-magnetism, the telegraph and even Reis's telephone are discussed in detail. Many engravings of early electrical apparatus are present. A small scratch on the spine is the only defect 287 pages. 151 illus. Good + condition. Rare. $75.00

147. **FLEMING, J. A.; The Alternate Current Transformer - 2 Vols** . 1st edition, 1889. Contained in 2 Volumes, the Induction coil is described in great detail, with an excellent historical background with many dynamos & illustrations of early examples. A description of electromagnetic induction and the early theory and application of transformers is also included. One of Fleming's first books. The spines are somewhat faded. 1081 pages. 493 illus. Good + condition. Rare. $185.00

148. **FLEMING, J. A. (EDITOR); The Electrical Educator** . 2nd edition, 1931. Contained in 3 large volumes, this is a comprehensive, practical and authoritative work on every phase of the electrical industry. It is fully illustrated with hundreds of photographs & drawings and covering such areas as wireless telegraphy, electric lamps, electric power, X-Rays, etc. First set we've had for sale! 1640 pages. Good + condition. Scarce. $110.00

149. **FLEMING, J.A.; Magnets and Electric Currents** . 1st edition, 1898. An elementary account of the scientific principles underlying modern applications of electricity in engineering. This first edition is rarely seen for sale. A 70 page chapter on electrical measuring instruments is especially interesting, including many illustrations of rarely seen items. In very nice condition, with virtually no wear. 408 pages. 134 illus. Very Good condition. Rare. $85.00

150. **FLEMING, J.A.; Fifty Years of Electricity** . 1st edition, 1921. This profusely illustrated volume documents the progress of electrical technology from 1870 - 1920. Fleming's first-hand account of the development of telegraphy, telephony, motors, dynamos, electric lamps, and wireless telegraphy is well presented. The front and rear cover is badly stained at the bottom, and the rear blank endpaper is damaged 371 pages. 110 photos. 167 illus. Fair condition. Rare. $65.00

151. **FLEMING, JOHN AMBROSE; Short Lectures To Electrical Artisans** . 4th edition, 1892. A fourth edition of Fleming's first book, it centers on the electro-magnet and electrical measurements, illustrating many early meters and motors. A nice tight copy of a hard to find book. 210 pages. 74 illus. Very Good condition. Rare. $85.00

152. **FORBES, GEORGE; A Course Of Lectures On Electricity** . 1st edition, 1888. A series of lectures printed to provide an introduction to the new science. Magnetism, electro-magnetism, dynamo-electricity and electro-magnetic induction are described and demonstrated using vintage apparatus. Contains a few pencil marks in the text. 163 pages. 17 illus. Good + condition. Rare. $25.00

153. **GAPP, GISPERT; Transformers** . 3rd edition, 1925. The classic treatise on the subject, revised by the son of the original author. Many photos of common and unusual transformers are included along with several folding plates in blue and yellow paper showing cross sections of the apparatus. 391 pages. 229 illus. Very Good condition. Scarce. $15.00

154. **GOLDING, E.W.; Electrical Measurements and Measuring Instruments** . 1st edition, 1933. This must be the "vade mecum" of books on the subject of measuring instruments. Everything you ever wanted to know and more is written within these pages! At the end of each chapter is a list of references and a bibliography. 794 pages. 447 illus. Very Good condition. Scarce. $35.00

155. **GORDON, J.E.; A Physical Treatise On Electricity And Magnetism** . 1st edition, 1880. A very early work on electricity which touches on Clerk Maxwell's electromagnetic theory of light, Faraday's experiments, etc.. Also covered are electromagnets, induction coils, Crookes tubes, and early motors, of which many are illustrated. Includes details on many original experiments and papers. From The Franklin Institute Library. 618 pages. 73 photos. 257 illus. Good + condition. Rare. $165.00

156. **HENDERSON, JOHN; Electrotechnics** . 1st edition, 1909. An early lab manual for use hand in hand with practical experimentation in electromagnetism and the further interests of direct and alternating current. This is volume III only, of a 3 volume set. 165 pages. 38 illus. Good + condition. Scarce. $10.00

157. **HOUSTON, PROF. EDWIN; Electricity In Everyday Life** . 1st edition, 1905. Probably the most complete work on electricity just after the turn of the century. Contained in 3 volumes, Vol. I covers the history and theory of electricity including a chapter on X-Rays, Vol. II is mainly devoted to arc & electric lighting, while vol. III covers telegraphy, telephony & wireless. Includes many illlustrations of apparatus. 1760 pages. 791 illus. Very Good condition. Rare. $65.00

158. **I.C.S.; The Electrical Engineers' Handbook** . 1st edition, 1925. A convenient reference book for all persons interested in electricity, magnetism, dynamos and motors, electric lighting, power transmission, and maintenance of electrical apparatus. 414 pages. 1 photos. 212 illus. Very Good condition. Common. $10.00

159. **LIPSCOMB, F.W.; The Wise Men of the Wires; The History of the Faraday House** . 1st edition, 1973. This is the story of the Faraday House, the pioneer training school for electrical engineers. It opened its doors in 1890, to serve the need to train electrical engineers in becoming researchers. 203 pages. 45 photos. Fine condition. Uncommon. Dust Jacket. $15.00

160. **MACCALL, W. TOLME; Continuous Current Electrical Engineering** . 3rd edition, 1929. The theory and application of direct current, involving the study of generators, motors and arc & incandescent lighting. Many excellent diagrams and illustrations supplement the text, there is even a cross section of an arc lamp! 466 pages. 350 illus. Very Good condition. Uncommon. $10.00

161. **MARTIN, T. COMMERFORD; Forty Years of Edison Service 1882-1922** . 1st edition, 1922. This volume encompasses the growth of Edison's earliest achievements during this 40 year span, and how they met the demands of the public. Chapters include the invention of the Edison Lamp and Central Station Lighting System, Early Customers of the Edison Service, and more. Includes many interesting illustrations and photos. 181 pages. Good + condition. Rare. $55.00

162. **MAXWELL, JAMES CLERK; Electricity and Magnetism** . 3rd edition, 1953. Maxwell's famous treatise in which he applies Faraday's Laws and discoveries pertaining to electromagnetism. This is an unabridged reprint of the 3rd edition from 1891, published by Academic Reprints. An affordable volume of this most important work in electricity. Contained in two volumes, there are a total of 20 full page plates. 1006 pages. Very Good condition. Scarce. $55.00

163. **MAXWELL, JAMES CLERK; An Elementary Treatise on Electricity** . 1st edition, 1881. This book is intended as a sequel to Maxwell's famous book "Electricity and Magnetism". This edition expands upon the types of measurement devices and Ohm's Law. Includes 6 full page plates at the rear. Light spots at the top of the rear cover. This is the first time we've had a copy of this rare title for sale! 208 pages. 53 illus. Good + condition. Rare. $155.00

164. **MCDONALD, FORREST; Let There Be Light- The Electric Utility Industry in Wisconsin 1881 - 1955** . 1st edition, 1957. The growth of an electrical giant, beginning with an extensive history, then proceeding step-by-step through the years. A thorough explanation of how one company did its part in a revolutionary industry. Well written, with many references noted throughout. 404 pages. 16 photos. Fine condition. Uncommon. $20.00

165. **MILLER, JOHN A.; Men And Volts At War** . 1st edition, 1947. The story of General Electric Company in World War II and their work in development and production of equipment for war use. Weapons, radar, X-Ray, and atomic research and development are but a few of the areas covered. Presentation copy from General Electric Co.. 272 pages. Fine condition. Uncommon. $20.00

166. **MOTTELAY, P. FLEURY; William Gilbert; On The Loadstone** . 1st edition, 1892. The first English translation of Gilbert's epical work on magnetism as relating to electricity . First printed in 1600, this volume showed the theory of magnetic force, and the mariner's compass. An unabridged and unaltered edition of the rarest and most valuable book in the field of electricity. 368 pages. 50 illus. Very Good condition. Rare. $85.00

167. **MUNRO, JOHN; The Story Of Electricity** . 1st edition, 1902. A popular treatment beginning with frictional electricity and magnetism, showing the applications present at the turn of the century. The X-Ray, telephone, telegraph, and wireless telegraphy are well explained, with many illustrations. A short bibliography of books on the subject is included. 199 pages. 100 illus. Very Good condition. Scarce. $20.00

168. **NIAUDET, ALFRED; Elementary Treatise On Electric Batteries** . 7th edition, 1900. A thorough treatise on the battery, covering its history and development through the 19th century. All forms and types of cells are discussed and illustrated, including the Daniell, Muirhead, Grove, and Volta's battery to name just a few. A very nice copy of one of the earliest books on the subject. 266 pages. 55 illus. Very Good condition. Rare. $35.00

169. **PASSER, HAROLD C.; The Electrical Manufacturers 1875 - 1900** . 1st edition, 1953. This book is a study of the origins and developments of the highly technical and competitive electrical manufacturing industry. Organized in three parts - arc lighting, incandescent lighting, and electric power - it tells the story of the industry's innovations and the engineer-entrepreneurs responsible for them. A highly desirable book. 412 pages. 14 illus. Fine condition. Rare. Dust Jacket. $75.00

170. **SCHONLAND, B.F.J.; The Flight of Thunderbolts** . 1st edition, 1950. This unusual book is written for readers interested in the general development of science and a keen concern for lightning and lightning protection. It provides a nice "case-history" of the subject in its progress from myth to knowledge. Rear cover is water stained at the bottom. From the William Stanley Library at GE. 152 pages. 33 illus. Good condition. Uncommon. $15.00

171. **SHAFER, DON CAMERON; Harper's Beginning Electricity** . 1st edition, 1913. This book gives a straightforward explanation of electricity, demonstrating devices to build and various experiments for young people. An attractive gold embossed cover shows a young boy performing an experiment. 275 pages. 147 illus. Very Good condition. Scarce. $25.00

172. **SLOANE, T. O'CONNOR; How To Become A Succesful Electrician** . 3rd edition, 1899. This book contains the studies to be followed, methods of work, fields of operation, and ethics of the profession. The cover is nicely embossed in silver showing lightning bolts around the title. 189 pages. Very Good condition. Scarce. $15.00

173. **SLOANE, T. O'CONOR; Electic Toy Making** . 2nd edition, 1893. This delightful book contains many electric devices for the amateur builder to experiment with. Projects include induction coil, electric insects, electric dancer, incandescent lamp, electric artillery, electric gymnastics and many other interesting subjects. 140 pages. 53 illus. Very Good condition. Scarce. $40.00

174. **SMALL, SIDNEY A.; The Boy's Book Of Electricity** . 1st edition, 1931. A well illustrated book covering all areas of electricity, including radio. Many simple experiments are shown. 333 pages. 113 illus. Very Good condition. Common. $10.00

175. **STEINMETZ, CHARLES PROTEUS; Steinmetz Electrical Engineering Library (9 Volumes)** . 1st edition, 1914. The complete and famous 9 volume set of Steinmetz's most important books. Numbered from 1 through 9 and bound in brown cloth bindings, this is the first full set we've had for sale. The dates range from 1914 to 1920 and from 1st to 5th editions. All are in nice condition, except Vol. 5, which is dampstained on the top and rear of the book. 3800 pages. Good + condition. Rare. $135.00

176. **STEINMETZ, CHARLES PROTEUS; General Lectures On Electrical Engineering** . 4th edition, 1908. A discussion providing various methods to apply electric energy using the apparatus available, presented in lecture form without the heavy mathematical content characteristic of Steinmetz's works. An excellent copy of a hard to find book. 284 pages. 48 illus. Very Good condition. Scarce. $25.00

177. **STIGANT, S. AUSTIN AND LACEY, H. MORGAN; The J & P Transformer Book** . 2nd edition, 1925. This book is a study of the practical technology of the transformer, and it covers all areas of power transformers, including problems which arise during transformer operation and maintenance. From transformer oil to parallel operation, this book has it all. 402 pages. 267 illus. Very Good condition. Scarce. $15.00

178. **STILL, ALFRED; Soul Of Loadstone - The Background Of Magnetical Science** . 1st edition, 1946. The properties of magnetism is the main subject of this book, including the history and applications by man especially the compass, electricity and even magical conjuring powers. A companion volume to "The Soul Of Amber", by the same author. 233 pages. Fine condition. Uncommon. Dust Jacket. $15.00

179. **WHEATCROFT, E.L.; Gaseous Electrical Conductors** . 1st edition, 1938. An excellent reference for the researcher in the properties of gases and their applications to areas such as arc systems, valves, both vacuum electron & gas filled, & even luminous discharge tubes. Published by The Oxford University Press. 265 pages. 140 illus. Very Good condition. Scarce. $30.00

180. **WHITTAKER, SIR EDMUND; A History Of The Theories of Aether and Electricity (2 Vols.)** . 2nd edition, 1953. Originally written as one volume in 1910, these volumes are the result of the authors wish to add to his first book, The Classical Theories, which cover the work of Galvani, George Ohm, Faraday and Maxwell. The 2nd, entitled The Modern Theories 1900-1926, is generally considered a monumental work. These are Ex-lib and the covers are a bit faded. 753 pages. Good + condition. Scarce. $75.00

181. **WORMELL, R.; Electricity In The Service Of Man** . 3rd edition, 1896. The most incredibly illustrated reference work dedicated to the science of electricity and its practical applications. This treatise incorporates the history and development of the electric light, telephone, telegraph, dynamo, motor, and all early electrical apparatus, even a couple of pages on the X-Ray. 976 pages. 955 illus. Good + condition. Rare. $95.00

HISTORY OF RADIO

182. **ALTH, MAX; Collecting Old Radios And Crystal Sets** . 1st edition, 1977. Published for the novice collector, this book gives an outline on the history of radio, along with a chapter on components. It describes the manufacturers and how to operate & repair old sets. There is a price guide covering many early battery and early AC sets at the end of the book. 76 pages. 53 photos. Fine condition. Uncommon. Softcover. $20.00

183. **ARCHER, GLEASON L.; History of Radio to 1926** . 1st edition, 1938. Probably the most sought-after work on the history of radio. A fine copy encompassing the history of the electric telegraph and its development into wireless telegraphy, wireless telephony, eventually into broadcasting. Includes many footnotes and references throughout the text. A beautiful copy! 421 pages. 20 photos. Fine condition. Rare. $85.00

184. **BANNING, WILLIAM PECK; Commercial Broadcasting Pioneer; The WEAF Experiment 1922-1926** . 1st edition, 1946. This is the story of the pioneering effort which proved how nationwide broadcasting as a public service could be financially supported. The text contains an excellent history of early radio broadcasting, and Western Electric's contribution to wireless telegraphy. 308 pages. 29 photos. Very Good condition. Uncommon. $40.00

185. **BLAKE, G.G.; History Of Radio Telegraphy And Telephony** . 1st edition, 1928. A rarely seen volume, this history contains early wireless communication systems, electrical signalling, telephone, telegraph. Includes many chapters on detectors, with numerous illustrations. A gorgeous edition loaded with photos and diagrams, anyone would be proud to add to their library! Includes a bibliography with 1125 items 425 pages. 246 illus. Very Good condition. Very Rare. $195.00

186. **CLARKSON, R.P.; The Hysterical Background of Radio** . 1st edition, 1927. This is largely a compilation of anecdotes about 362 men who paved the way for the development of radio. The author provides a lighthearted summary of experimenters in electricity, arranged chronologically from Gilbert to Edison. Includes a nice dust jacket. 257 pages. Very Good condition. Uncommon. $25.00

187. **DONALDSON, FRANCES; The Marconi Scandal** . 1st edition, 1962. This work contains some rarely released information on the Marconi scandal of 1913 which is of equal proportion to the Teapot Dome Scandal. Winston Churchill almost lost his political future as a result. Includes a nicely illustrated, though chipped dust jacket. 304 pages. 25 photos. Very Good condition. Uncommon. $30.00

188. **DOUGLAS, GEORGE H.; The Early Days Of Radio Broadcasting** . 1st edition, 1987. An excellent historical reference for the period from 1920 to 1930, this recently published book provides much accurate information on the beginning of public broadcasting stations. It also contains a lengthy bibliography at the end of the book. 248 pages. Very Good condition. Uncommon. $25.00

189. **DUNLAP, ORRIN E.; The Story of Radio** . 2nd edition, 1935. A straight-forward account of wireless telegraphy including an excellent 31-page description of early television. A very good reference book on early broadcasting. The spine is slightly faded. 326 pages. 15 photos. Good + condition. Uncommon. $25.00

190. **GEDDES, KEITH; Broadcasting In Britain 1922-1972** . 1st edition, 1972. An excellent book published by the British Science Museum that covers early television as well as early broadcasting. Contains many interesting photos and information on vintage apparatus. 63 pages. 25 photos. Very Good condition. Common. $10.00

191. **HANCOCK, H.E.; Wireless at Sea: The First Fifty Years** . 1st edition, 1950. This important work covers the birth of wireless and the development of the Marconi Marine Communication Co. Published in commemoration of the 50th anniversary of the Marconi Marine Co., it contains many nice photos of wireless installations. A must for the historian. The cover is faded and somewhat worn. 233 pages. 80 photos. Good + condition. Rare. $55.00

192. **IRE; IRE Proceedings 50th Anniversary Issue** . 1st edition, 1962. This massive, 2-inch thick volume contains many articles on the history of radio, as well as some very interesting outlooks on the future of radio and electronics. Probably the best issue of the IRE ever published. 1310 pages. Very Good condition. Scarce. Softcover. $35.00

193. **LEIGH-BENNETT, E.P.; A City of Sound** . 1st edition, 1933. Published by the Marconiphone Co., this is the story of radio's romantic beginnings and a layman's view of the entire scheme. Probably a limited edition booklet, this work includes many nice photos and excerpts from turn of the century newspaper articles. The blank endpapers have notes and doodling in pencil. A seldom seen book! 57 pages. 22 photos. Good + condition. Rare. $25.00

194. **MACLAURIN, W. RUPERT; Invention And Innovation In The Radio Industry** . 1st edition, 1949. This book deals in part with the inventions of some of the pioneer scientists and engineers. Included is material covering the history of radio and television companies and the patents which affected their growth or demise. It is an excellent reference work, referred to by many writers. 304 pages. Fine condition. Scarce. Dust Jacket. $55.00

195. **MCMAHON, MORGAN; Vintage Radio** . 2nd edition, 1973. Morgan McMahon's expansion of Greenwood's original edition containing the best pictorial display of radio receivers, transmitters, tubes, horns and parts from the 1887 - 1929. The main reference book for the collector-historian. This book is now out of print. 263 pages. Very Good condition. Common. Softcover. $15.00

196. **MCNICOL, DONALD; Radio's Conquest Of Space** . 1st edition, 1946. This book contains a personalized history of wireless telegraphy up to and including radar, by a man who began his wireless career in 1900. The best history of radio written in the 1940's. 374 pages. 53 illus. Fine condition. Scarce. $35.00

197. **MITCHELL, CURTIS; Cavalcade Of Broadcasting** . 1st edition, 1970. A picture history of radio and television and how they grew. Included are the scientists, stars, and pioneers of communication. Contains over 150 early radio and TV related photos, and a nicely illustrated dust jacket. 256 pages. Fine condition. Uncommon. $20.00

198. **MORGAN, JANE; Electronics In The West - The First Fifty Years** . 1st edition, 1967. This book concentrates on the early history and development of electronics in the western United States, primarily the San Francisco area. Philo Farnsworth, Lee DeForest, Hewlett, and Packard are just some of the important men covered in this volume. Includes a nicely illustrated dust jacket. 194 pages. 70 illus. Fine condition. Scarce.$40.00

199. **MORITA, AKIO AND REINGOLD, EDWIN M.; Made In Japan: Akio Morita and Sony** . 1st edition, 1986. The story of the man who had the vision to begin a new company just after the war and the growth of that company, into what was to become Sony. An excellent account of an amazing enterprise. 309 pages. 16 photos. Fine condition. Uncommon. Dust Jacket. $15.00

200. **O'DEA, W.T.; Radio Communication: History and Development** . 2nd edition, 1949. A revised version of the original 1934 handbook detailing the rare communications exhibits in the London Science Museum. Interspersed with fine photographs of early wireless equipment. A must for every wireless collector's bookshelf, this is in perfect condition. 95 pages. 58 photos. Fine condition. Rare. Softcover. $45.00

201. **RADIO CLUB OF AMERICA; 50th Anniversary Yearbook 1909-1959** . 1st edition, 1959. A history of activities and wireless pioneers who were active in the Radio Club Of America spanning the period from 1909 to 1959. Contains many photos & articles seldom seen anywhere else, plus a biographical sketch of its members. A must for the historian. This copy belonged to Ralph Batcher, author & past V. Pres. of the club. Has a small hole 216 pages. Very Good condition. Rare. Softcover. $45.00

202. **RADIO CLUB OF AMERICA; The Legacies Of Edwin Howard Armstrong** . 2nd edition, 1991. Absolutely the most complete compilation of original articles and photos on Armstrong. Significant events in his life and work are highlighted, along with hundreds of photos, many I've never seen before. A must for the historian's bookshelf. 321 pages. Fine condition. Common. Softcover. $25.00

203. **SCOTT, OTTO J.; The Creative Ordeal: The Story Of Raytheon** . 1st edition, 1974. This book covers the history of the Raytheon Co. from the days of the B-H rectifier tube to its contributions in missile technology in the 1970's. 429 pages. 83 photos. Fine condition. Uncommon. Dust Jacket. $20.00

204. **SETTEL, IRVING; A Pictorial History of Radio** . 1st edition, 1960. A profusely illustrated volume belonging on every collector's bookshelf. The complete story of radio broadcasting in America from the electric telegraph to crystal sets and on to the 1950's. This includes all of the stars and great shows of Radio's Golden Age. Covered by a nicely illustrated dust jacket. 176 pages. 450 photos. Very Good condition. Uncommon. $20.00

205. **SHURICK, E.P.J.; The First Quarter-Century Of Broadcasting** . 1st edition, 1946. A precise and all-inclusive study of radio in which the author used in his research, the past "Chronologies" of the Broadcasting Yearbooks. A complete history including advertising, music, the news, woman's role, sports, disasters, politics, farming, education, the church, and wartime applications & their role in furthering broadcasting. 374 pages. Very Good condition. Scarce. $35.00

206. **THE MARCONIPHONE COMPANY, LIMITED; The Marconi Book of Wireless** . 1st edition, 1936. This fascinating history of the Marconi Co. and biography of G.Marconi was written by the company while Marconi was still alive. Containing an in-depth history of the early years and many rare photos, it has a gold embossed profile of Marconi on the front cover, as well as a dust jacket & even a letter from the Marconi Co. explaining its importance! 223 pages. 56 photos. 14 illus. Very Good condition. Scarce. $65.00

207. **THIESSEN, ARTHUR E.; A History Of The General Radio Company** . 1st edition, 1965. This history was published on the fiftieth anniversary of the company, which was the longest continuously operating electronic manufacturer in the country. This book gives a clear history of the Clapp-Eastham Co., as well as the General Radio Co., starting in 1905. 116 pages. Fine condition. Scarce. $65.00

208. **WHITE, LLEWELLYN; The American Radio** . 1st edition, 1947. A report on the broadcasting industry in the United States from the Commission on Freedom of the Press. A study of radio as a form of mass communication and its effects on the general public. A short history of RCA is included. From The NAB Library. 260 pages. Very Good condition. Uncommon. $25.00

209. **ZENITH ELECTRONICS CO. (PUBLISHER); The Zenith Story** . 1st edition, 1954. Best described as a photo history of the Zenith Company from 1918 to 1954, with an accurate text which tells of the growth of the company from a kitchen table to the Giant Factory complex. The story of R.H.G. Mathews, as well as McDonald and MacMillan are told in this interesting account. 29 pages. 70 photos. Very Good condition. Uncommon. Softcover. $20.00

JUVENILE

210. **ADAMS, JOSEPH H.; Harper's Electricity Book for Boys** . 1st edition, 1907. A nice copy of a well-illustrated book on electricity, wireless telegraphy, telephony, and dynamos intended for the young electrical enthusiast. It contains many construction projects in all areas of electrical communication. Includes a nicely illustrated cover. 407 pages. 276 illus. Very Good condition. Uncommon. $25.00

211. **PEPPER, JOHN HENRY; The Boy's Playbook Of Science** . 1st edition, 1912. An entertaining yet scientifically-based volume geared towards teaching and exciting the curiosities of a young boy in various aspects of experimentation. More prominent topics include chemistry, photography, telegraph, telephone and wireless. The hinges have been repaired. The cover is nicely embossed. 680 pages. 593 illus. Good condition. Scarce. $20.00

212. **ST. JOHN, THOMAS M.; How Two Boys Made Their Own Electrical Apparatus** . 1st edition, 1898. A wonderful book which contains complete directions for making all kinds of apparatus for the study of electricity. Many fine illust. are depicted, along with instructions for constructing magnets, induction coils, electric bells, and electric motors, etc. 141 pages. 125 illus. Very Good condition. Scarce. $45.00

LIGHT BULBS

213. **BRIGHT, ARTHUR R. JR.; The Electric Lamp Industry** . 1st edition, 1949. This is an in-depth study of the economic and historical development of the electric lamp industry. It covers the first scientific demonstrations shortly after 1800 to the end of World War II. Includes an extensive 6 page bibliography. The ultimate book on the subject. Includes a nice dust jacket. 526 pages. 42 illus. Very Good condition. Scarce. $40.00

214. **COX, JAMES A.; A Century Of Light** . 1st edition, 1979. The story of Edison and his invention of the incandescent light bulb. Profusely illustrated with many historical photos, including 44 in color. This was written expressly for the 100th anniversary of the discovery of electric light and includes a colorful dust jacket. 224 pages. 245 photos. Fine condition. Uncommon. $20.00

215. **DU MONCEL, COUNT; Electric Lighting** . 1st edition, 1882. An extremely early treatise on the electric light. This book contains an excellent historical sketch of the light bulb. All of the early dynamos are discussed and illustrated at length, along with many different types of electric lamps. A nice copy of the first English edition. 318 pages. 76 illus. Very Good condition. Very Rare. $110.00

216. **JEHL, FRANCIS; The Manufacture Of Carbons For Electric Lighting and Other Purposes** . 1st edition, 1899. This work, written by Thomas Edison's assistant, gives a concise account of the process of making high grade and other carbons for electric lighting and varying electrical purposes. An interesting chapter provides historical notes about carbon & its uses. The text has a little underlining, and the cover is somewhat faded. 232 pages. 83 illus. Good + condition. Very Rare. $115.00

217. **LEWIS, FLOYD A.; The Incandescant Light** . 2nd edition, 1961. This book is packed with more photos and illustrations of early electric lightbulbs and dynamos than any I have seen before. The author tapped the archives of the Edison National Monument in West Orange, N.J., as well as Edison's own famous notebooks. Includes a nice illustrated dust jacket. 128 pages. 100 photos. 211 illus. Fine condition. Uncommon. $30.00

218. **MAYCOCK, W. PERREN; Electric Wiring, Light Fittings, Switches and Lamps** . 3rd edition, 1902. The illustrations and folding plates alone serve to make this volume a desireable addition to the electric light historian's library. Among the many items included in this volume are arc lamps, glow lamps, Nernst lamps and many many more I've never heard of! 484 pages. 362 illus. Good + condition. Rare. $45.00

219. **RAM, GILBERT S.; The Incandescent Lamp and Its Manufacture** . 1st edition, 1893. The first in-depth study of the various phases in the construction and manufacture of early incandescent light bulbs. Various chapters include filaments, flashing, glass blowing, exhausting, sealing-in, testing and mounting. Much detail is given to vacuum pumps and related equipment. Exceedingly rare, this is the first copy we've had for sale 218 pages. 69 illus. Good + condition. Very Rare. $175.00

MEDICAL ELECTRICITY

220. **BARTHOLOW, ROBERTS; Medical Electricity** . 3rd edition, 1887. The exposition of electricity for medical purposes written by a practioner for use by other practioners and students. Contains many illustrations of rarely seen electrical apparatus. A great book! 304 pages. 110 illus. Very Good condition. Rare. $95.00

221. **CUMBERBATCH, ELKIN P.; Essentials Of Medical Electricity** . 7th edition, 1933. The treatment by electricity of all areas of the body, using static, diathermy, and galvanic action. Contains some gorgeous engravings of early high frequency equipment and spark apparatus. 508 pages. 132 illus. Good + condition. Rare. $55.00

222. **ERB, DR. WILHELM; Handbook Of Electro-Theraputics** . 1st edition, 1883. A knowledgeable account of the role electricity plays in the treatment of various human diseases. Almost half the book is dedicated to special electro-theraputics, which singles out some rare maladies, their causes and treatments by electricity. 366 pages. 39 illus. Very Good condition. Rare. $95.00

223. **LEWIS, THOMAS; Clinical Electrocardiography** . 6th edition, 1937. The author began his studies in 1910 using a "string galvanometer" as an electrical indicator of the heart's condition. An early book on the subject, what would the author think now of CAT Scans and MRI! From The Franklin Institute Library. 128 pages. 109 illus. Very Good condition. Scarce. $30.00

224. **LIEBIG, G.A. & ROHE', GEORGE H.; Practical Electricity In Medicine And Surgery** . 1st edition, 1890. The fundamental principles of medical electricity for use by the practioner. Numerous illustrations portray fascinating and unusual static and galvanic apparatus, some of which I've never seen pictured before. The rear cover and last few pages are stained. 383 pages. 252 illus. Good + condition. Rare. $95.00

225. **SUSSKIND, CHARLES AND ROWBOTTOM, MARGARET; Electricity and Medicine: A History Of Their Interaction** . 1st edition, 1984. Finally, a book for the collectors of "Quack" medical devices! An excellent history illustrated with pictures of authentic instruments and apparatus from museums all over the world. A fine reference for the historian of science, medicine and electrical technology. Includes an extensive bibliography on the apparatus and the people involved. 303 pages. 178 illus. Fine condition. Uncommon. Dust Jacket. $35.00

226. **WELLS, S.M.; The Electropathic Guide** . 8th edition, 1886. This was written for home practice use containing hints for the care of the sick, and treatment of disease by the use of electricity. Full directions are given for treating over 100 diseases. It was originally intended as a promotion for sale of the authors' equipment and services. 98 pages. Good + condition. Scarce. $45.00

MOTORS/DYNAMOS

227. **(TRADE CATALOG); National Stamping and Electric Works** . 1st edition, 1905. An interesting catalog of electrical apparatus for sale, including dynamos and motors. An unusual listing of used dynamos and their manufacturers is also contained in this catalog, as well as a price list for various repairs. The covers are nicely illustrated. 40 pages. Very Good condition. Rare. Softcover. $45.00

228. **BOTTONE, S.R. & BEALE, ALFRED; Electro-Motors- How Made and How Used** . 2nd edition, 1891. This covers all the different motors in use up to that time, and shows illustrations of most of them. The Tesla motor, Edison, Thompson - Houston, and many more are thoroughly discussed. This second edition includes an appendix on alternating current motors, including the Tesla & Eickemeyer designs. 145 pages. 70 illus. Good + condition. Rare. $55.00

229. **DAVENPORT, WALTER RICE; Thomas Davenport** . 1st edition, 1929. This is the story of the "Brandon Blacksmith", who is credited with the invention of the electric motor. His experiments with the electromagnetic telegraph helped pave the way for Samuel F.B. Morse to perfect the instrument. An excellent historical account of the development of the electric motor. 165 pages. 18 photos. Fine condition. Scarce. $50.00

230. **FERRANTI, GERTRUDE ZIANI DE AND INCE, RICHARD; The Life and Letters of Sebastian Ziani de Ferranti** . 1st edition, 1934. A portrait of a great scientist and inventor told from his point of view by his wife. A contemporary of Edison, his achievements include development of various dynamoes, meters, arc lamps and electric cable for lighting systems. 240 pages. 46 illus. Good + condition. Scarce. $25.00

231. **FRANKLIN INSTITUTE; Competitive Tests of Dynamo-Electric Machines** . 1st edition, 1885. This is the report of a special committee appointed by the President of The Franklin Institute to describe the tests performed at the 1884 Electrical Exhibition on various dynamos. Includes nice engravings of the test apparatus used, and lists the various machines examined; Edison and Weston. A report on testing electrical wires in included. 65 pages. 9 illus. Good + condition. Rare. Softcover. $45.00

232. **GENERAL ELECTRIC CO.; General Data On Thomson Watthour Meters** . 1st edition, 1903. This volume is filled with many illustrations of early watthour meters designed by Elihu Thomson. Shown also are hookup diagrams for the various types of meters. A very early book on the subject. 217 pages. Fine condition. Scarce. $35.00

233. **GREIG, JAMES; John Hopkinson- Electrical Engineer** . 1st edition, 1970. A British Science Museum publication giving a brief yet interesting account of the engineer-scientist who contributed much to his field in the areas of dynamo design and electric power. 44 pages. 23 photos. Very Good condition. Uncommon. Softcover. $15.00

234. **HERING, CARL; Principles of Dynamo-Electric Machines** . 1st edition, 1890. An excellent treatise on the principles of the dynamo. This early work contains information for use in building, using and repairing dynamos in a concise and simple form. 279 pages. Good + condition. Scarce. $45.00

235. **KAPP, GISBERT; Electric Transmission Of Energy** . 3rd edition, 1891. An accurate account of the early motors and dynamos and of their systems of transmission. Covering basic theory, many illustrations are shown of the early electrical apparatus. Covers are somewhat worn, a seldom seen volume. 360 pages. 130 illus. Good + condition. Scarce. $25.00

236. **KING, W. JAMES; The Development Of Electrical Technology In The 19th Century** . 1st edition, 1962. This is bulletin 228 from the Smithsonian Museum Of History and Technology, and covers the early Arc light and dynamos. The history of the arc light, as well as the dynamo is discussed in detail, including many illustrations of early electrical apparatus. 74 pages. 92 illus. Fine condition. Uncommon. Softcover. $20.00

237. **LAMME, BENJAMIN G.; Electrical Engineering Papers** . 1st edition, 1919. This volume contains a collection of the author's most important works pertaining to the polyphase induction motor, the 10 khz alternator, the synchronous motor, and his development of the single phase motor. 773 pages. 158 illus. Very Good condition. Scarce. $30.00

238. **RIDDING, ARTHUR; S. Z. deFerranti- Pioneer of Electric Power** . 1st edition, 1975. A British Science Museum publication issued to commemorate the centenary of the birth of Ferranti. The main events of his life along with his principal inventions are described and pictured in this pertinent account. 32 pages. 21 illus. Very Good condition. Uncommon. Softcover. $15.00

239. **THOMPSON, SILVANUS P.; Dynamo-Electric Machinery** . 2nd edition, 1886. An excellent book containing many illustrations and descriptions of arc-lighting dynamos, motors, generators, transformers, and alternators. Portraying many engravings of early motors and dynamos, this is the earliest copy we've seen! 527 pages. 324 illus. Very Good condition. Rare. $115.00

240. **WESTINGHOUSE ELECTRIC COMPANY; Handbook of Westinghouse Watthour Meters** . 1st edition, 1923. This book provides complete technical information on Westinghouse Watthour Meters, included is the historical development of the induction watthour meter. Many photos of early meters are shown, including the Edison Chemical meter. 139 pages. 227 illus. Very Good condition. Scarce. Softcover. $20.00

MOTION PICTURES

241. **JOBES, GERTRUDE; Motion Picture Empire** . 1st edition, 1966. A well documented and psychologically penetrating history of one of the largest industries in the United States. Not only is the development of the apparatus studied thoroughly, the financial history of the whole industry is brought out in detail. 398 pages. 43 photos. Fine condition. Scarce. Dust Jacket. $30.00

242. **KROW, ARTHUR E.; The Talkies** . 1st edition, 1930. The story of the talking motion pictures, with a history of the subject, and an in-depth study of the different systems that had been developed up to that time. Includes a very detailed bibliography that covers 8 pages. A beautiful copy of a seldom seen book. 245 pages. Fine condition. Scarce. $55.00

243. **LESCARBOURA, AUSTIN C.; Behind The Motion Picture Screen** . 1st edition, 1919. From A to Z in motion Picture, this volume explores all aspects in a behind the scenes view of the subject. The most incredible feature, however, is the insertion of a photo between every other page of text! These photos show many pieces of early equipment, film, and sets. The cover is nicely embossed in color showing a director & his cameraman. 424 pages. 210 photos. Good + condition. Rare. $95.00

244. **RICHARDSON, F.H.; Richardson's Handbook of Projection** . 4th edition, 1922. The largest and most complete & accurate treatise on projection of it's day. All aspects are thoroughly encompassed, complete with illustrations to provide an excellent reference for use in the projection booth. This copy is autographed by the author! 942 pages. 374 illus. Good + condition. Rare. $40.00

245. **TALBOT, FREDERICK A.; Moving Pictures** . 1st edition, 1912. An early account of motion pictures, including a detailed history. The author also discusses the stage, trick pictures, color cinematography, and even the talkies! Includes many photos showing early moving picture apparatus. The cover has a nice embossed figure holding a camera. 340 pages. 133 photos. 22 illus. Good + condition. Rare. $85.00

MUSHROOMS

246. **COLLINS, A. FREDERICK; Handicraft For Boys** . 1st edition, 1918. Another Collins "jewel"; a well illustrated how-to-make-it instruction from basic carpentry to a simple wireless telegraph outfit. A nicely embossed color cover demonstrates two boys at work. 318 pages. 232 illus. Very Good condition. Scarce. $15.00

247. **CROOKES, SIR WILLIAM; Researches In The Phenomena Of Spiritualism** . 1st edition, 1874. A personal account by Sir William Crookes of certain miscellaneous phenomena he witnessed while working with mediums. Illustrations depict his experimental investigation of a new force, which he called the Psychic Force. The cover is nicely embossed, though worn along the edges. 112 pages. 15 illus. Good + condition. Rare. $65.00

248. **IARDELLA, ALBERT B.; Western Electric and the Bell System** . 1st edition, 1964. This seldom seen book provides a wealth of information for the Western Electric employee involved in management. The history and structure of the company are presented in a straightforward manner. Many facts about manufacturing, communications services, and equipment are discussed. 115 pages. Fine condition. Scarce. $35.00

249. **KAHN, DAVID; The Codebreakers** . 1st edition, 1967. The first and most comprehensive history of secret communication from ancient times to the threshold of outer space. Described are the events which molded modern cryptology, methods used to break cyphers, and especially many fascinating stories about the code breakers in action. Includes an extensive reference & bibliography section. 1164 pages. 35 photos. 160 illus. Fine condition. Scarce. Dust Jacket. $55.00

PHONOGRAPH

250. **GELATT, ROLAND; The Fabulous Phonograph; From Tin Foil to High Fidelity** . 1st edition, 1955. An excellent history of the incredible instrument, the phonograph. Many different styles of the phonograph are described, including the change to the electrically operated phonograph. Contains many nice phonographs and an extensive chronology. The text contains some underlining in pencil and crayon. 320 pages. 32 photos. Very Good condition. Scarce. $25.00

POST 1930 RADIO

251. **DOWSETT, H. M.; Handbook Of Technical Instruction For Wireless Telegraphists** . 4th edition, 1930. A complete textbook providing theory, and practical information on all types of transmitters and receivers. Profusely illustrated, this volume covers many specific receivers and transmitters, including unusual Marconi Co. sets. 487 pages. 57 photos. 402 illus. Very Good condition. Uncommon. $20.00

252. **FERRANTI CO.; The True Road To Radio** . 1st edition, 1931. This volume embodies all the aspects of the Ferranti system, especially reception, amplification and power transmission. Many full page sepia-tone photographs contribute a classical style, completed by numerous ciruit diagrams, design specifications and formulas. 243 pages. 135 illus. Very Good condition. Scarce. $15.00

253. **GENERAL RADIO CO.; The General Radio Experimenter** . 1st edition, 1929. A group of 42 different issues of the G-R Experimenter, dated from October, 1929 to June, 1936; Volume 4 #5 to Volume 11 #1. A variety of G-R apparatus is highlighted in each issue, along with details on testing apparatus. 3 of the issues have Hugo Gernsback's initials on their covers! - He used a red crayon on everything he touched!! 280 pages. Very Good condition. Uncommon. Softcover. $80.00

254. **GHIRARDI, ALFRED A.; Radio Physics Course** . 2nd edition, 1933. This profusely illustrated book is the most complete work on the subject of radio that had been printed up to that time. Television and short wave are covered in this edition. 972 pages. 508 illus. Very Good condition. Common. $15.00

255. **MALLORY CO.; Mallory Radio Service Encyclopedia** . 1st edition, 1937. A nicely illustrated encyclopedia, stated on the cover: "Limited Edition". This book was designed to help the service man in the radio field. It contains information on various circuits as well as components and tubes. 216 pages. Fine condition. Uncommon. $15.00

256. **POPULAR SCIENCE STAFF; Radio For The Millions** . 1st edition, 1945. This profusely illustrated book was written with the radio builder in mind. It provides complete instructions for building more than 87 radio receivers, radio phonographs and home recorders, from a simple one tube set to a highly efficient 8-tube FM receiver. More than 100 wiring diagrams and 450 illustrations shows every step of construction 192 pages. Very Good condition. Uncommon. Dust Jacket. $20.00

257. **RAMSEY, R. R.; Experimental Radio** . 4th edition, 1937. A very interesting book, listing a total of 132 experiments. They range from measuring the inductance of an aerial to comparing the sensitivity of headphones. Television, the Tesla coil, and the singing arc are some other examples. 196 pages. 167 illus. Very Good condition. Uncommon. $15.00

258. **UNITED CATALOG PUBLISHERS INC.; The Radio-Electronic Master** . 20th edition, 1956. Formerly called Radio's Master, this is the official buying guide of the industry. It includes thousands of parts, equipment, descriptions, specifications, prices and in many cases, illustrations of the item. The number of pages noted is approximate, as they are not numbered. In very nice condition, it appears to be almost unused. 1800 pages. Very Good condition. Uncommon. $25.00

259. **VALKENBURGH, VAN; NOOGER & NEVILLE INC.; Basic Electronics** . 1st edition, 1955. This set contains 6 volumes and is published by Rider Publications Inc.. If you need to learn about electronics and want the easy way out, then this is the way to go! From power supplies to audio amplifiers, this profusely illustrated (over 1150 line drawings) volume covers it all! 648 pages. Very Good condition. Uncommon. Softcover. $25.00

260. **WELLMAN, WILLIAM R.; Elementary Radio Servicing** . 1st edition, 1947. This book is intended to serve as a medium of instruction for those who have already mastered some of the principles of radio receivers and now wish to apply their knowledge to radio servicing. It describes and illustrates various servicing steps in an easy how-to-do-it fashion without the use of mathematics or heavy theory. 260 pages. Fine condition. Uncommon. $15.00

261. **WILLIAMS, R.E. AND SCARLOTT, CHARLES A.; Training For Victory: Radio I & II** . 1st edition, 1943. A 2 volume set written for use in training for radio operation during WWII. A step by step course interspersed with photos of soldiers working in the field. This set is like new, so no soldier ever got his hands on them! 276 pages. 163 illus. Fine condition. Scarce. $25.00

PHYSICS

262. **HAMPSON, DR. W.; Radium Explained** . 1st edition, 1905. All about radium including its discovery, and the varying elements and properties with which it is associated. A Crookes' spinthariscope is illustrated & described as well as X Rays, Skiagrams and other related phenomena. The cover is nicely illustrated with a microscope. 122 pages. 28 illus. Very Good condition. Rare. $45.00

263. **MILLIKAN, ROBERT A. AND MILLS, JOHN; Electricity, Sound, and Light** . 1st edition, 1908. An excellent manual of instruction in basic physics punctuated with many descriptive diagrams & illustrations. A thorough treatise covering theory and practical application using vintage testing apparatus. 389 pages. 250 illus. Very Good condition. Scarce.$20.00

264. **ROLFE, W.J. AND GILLET, J.A.; Natural Philosophy** . 1st edition, 1870. The principles of physical science taught through the use of simple experiments in such fields as sound, light, heat, power and electricity. Profusely illustrated with early apparatus. Covers are moderately worn, and the hinges have beeen reglued. 405 pages. 239 illus. Fair condition. Rare. $20.00

265. **SEGRE' EMILIO; From Falling Bodies To Radio Waves** . 1st edition, 1984. This well written history of the great physics pioneers encompasses their important work from 1600 to about 1925. Light, heat, kinetic theory, and electricity are covered, as well as a chapter called "From Thunder To Motors And Waves". 298 pages. 75 photos. 80 illus. Fine condition. Common. Softcover. $15.00

266. **THOMSON, J.J.; The Discharge Of Electricity Through Gases** . 1st edition, 1898. This is Thomson's famous treatise in which he originally discloses the theory that his corpuscle is an intregal part of all matter. By using various gases he was able to prove their behavior stayed the same. He also improved upon Hertz's vacuum, demonstrating the particle quality of the cathode ray. A rarely seen 1st printing of a landmark work! 203 pages. 41 illus. Very Good condition. Very Rare. $245.00

267. **YATES, RAYMOND F.; The Working Electron** . 1st edition, 1946. A popular treatise dealing with the applications of the new science of electronics to medicine, surgery, music, television,and industry. A comprehensive treatment of the different applications of electronics. 247 pages. 97 illus. Very Good condition. Scarce. $15.00

RADAR

268. **DUNLAP, ORRIN E.; Radar... What Radar is And How It Works** . 2nd edition, 1948. The author traces the history of radar from Hertz's wave experiments to push-button warfare. He then looks ahead to its promising future and peacetime applications. Contains a comprehensive 11 page bibliography on books, articles and patents dating from 1893. Ex-Library. 268 pages. Good + condition. Uncommon. $25.00

269. **FINK, DONALD G.; Radar Engineering** . 1st edition, 1947. This book covers the theory and practice of radar technology describing various radar systems developed and used during the World War II. It also explains in technical detail the design of specific apparatus used in radar equipment. 644 pages. 471 illus. Very Good condition. Uncommon. Dust Jacket. $25.00

270. **GLEMSER, BERNARD; Radar Commandos** . 2nd edition, 1973. An exciting story that is based on a true incident in WW II, in which the experimental German radar installation in Bruneval, France was to be destroyed! 152 pages. Good + condition. Uncommon. Softcover. $10.00

271. **HALLOWS, MAJOR R.W.; Radar** . 1st edition, 1947. The theory and application of radar explained in simple understandable terms and written by a chief instructor in radar during WWII. 140 pages. 8 photos. 59 illus. Very Good condition. Uncommon. $10.00

Radar

272. **M. I. T.; Radiation Laboratory Series (Radar)** . 1st edition, 1947. Compised of 28 volumes, including the index, this is a comprehensive record of technical developments during WWII. Consisting of 15,850 pages with over 8000 illustrations, this historical set covers the following subjects; Microwaves and systems, radar, navagation, servos, instruments. From the Air Force Library in Good to Very Good condition condition. Rare. $485.00

273. **WATSON-WATT, SIR ROBERT; Three Steps To Victory** . 1st edition, 1957. This is the autobiography of Sir Watson-Watt, one of the inventors of radar. Here he recounts how he experimented through a veil of secrecy during WWII, and succeeded in producing the first radar stations. A rarely seen 1st British edition with accompanied photographs, and includes a colorful dust jacket. 480 pages. 50 photos. Fine condition. Scarce. $65.00

SOUND/AUDIO

274. **BENSON, K. BLAIR; Audio Engineering Handbook** . 1st edition, 1988. This handbook encompasses all aspects of the modern generation, transmission, storage, and reproduction of sound and audio signals. Page for page, it is the most complete, current, and authoritative reference available for those who design, maintain, or operate professional or consumer audio systems and equipment. Cost $130 New! 1040 pages. 722 illus. Fine condition. Uncommon. $85.00

275. **BRIGGS, G.A.; A to Z in Audio** . 1st edition, 1960. An excellent audio reference book containing all the definitions used in audio at the time and illustrated with speakers, microphones, pickups, records, tape recorders, and even early transistors. This copy was presented to Don Aldous and signed by the author. 224 pages. 160 illus. Very Good condition. Uncommon. Dust Jacket. $55.00

276. **BRIGGS, G.A.; Sound Reproduction** . 2nd edition, 1950. Another Briggs' classic encompassing all aspects of recording and reproducing sound in a non-technical language, and enlivened with touches of humor. Profusely illustrated with many photos of vintage sound equipment such as tape recorders, turntables and speakers. 246 pages. 193 illus. Fine condition. Uncommon. Dust Jacket. $35.00

277. **CLIFFORD, MARTIN; Microphones- How They Work & How To Use Them** . 1st edition, 1977. A thorough manual dedicated to describing the theory, performance, and practical applications of various microphones. Also highlighted are the different mikes and accessories available, as well as acoustics and polar patterns. 224 pages. 95 illus. Very Good condition. Uncommon. Softcover. $15.00

278. **CROWHURST, NORMAN H.; Stereophonic Sound** . 1st edition, 1957. One of the first true assessments of the new medium- stereo. Written by the world famous audio authority, Stormin Norman. This book is devoted to the theory of stereophonic sound covering such areas as binaural listening, recording procedure, loudspeaker systems and placement. 128 pages. 61 illus. Fine condition. Scarce. Softcover. $30.00

279. **DAVIS, DON & CAROLYN; Sound System Engineering** . 1st edition, 1978. This large format (8 1/2 x 11") book covers all facets of audio technology including the design and application of loudspeaker systems, amplification & equalization and the acoustic environment. Includes an extensive bibliography and appendix. 295 pages. 176 illus. Fine condition. Uncommon. $25.00

280. **HUBER, DAVID MILES; Microphone Manual- Design and Application** . 1st edition, 1988. One of the best books ever written on the microphone, it includes techniques, tips, and tools needed to keep abreast of the ever changing technology of microphone design, placement, and acoustics. Includes a nice bibliography, and many photos of professional microphones & their specs. 297 pages. 294 illus. Very Good condition. Common. Softcover. $25.00

281. **LANDEE, ROBERT W.; DAVIS, DONOVAN C.; & ALBRECHT, ALBERT P.; Electronic Designers' Handbook** . 1st edition, 1957. In this single volume, you have the theoretical and mathematical concepts of electronic circuit design, plus detailed and comprehensive design information and techniques. Included are all the necessary graphical and tabular data needed to carry out the design function, with many examples used throughout on the design of amplifier circuits 1016 pages. 982 illus. Fine condition. Scarce. Dust Jacket. $55.00

282. **MILLER, DAYTON CLARENCE; The Science Of Musical Sounds** . 2nd edition, 1922. This book was written to present a series of lectures given in 1914 on sound analysis. Further research is encouraged by the numerous references collected in an excellent bibliography at the end of the book. This is a presentation copy signed by the author! Includes many half-tones of early acoustical apparatus. 286 pages. 187 illus. Very Good condition. Scarce. $75.00

283. **OLSON, HARRY F. AND MASSA, FRANK; Applied Acoustics** . 2nd edition, 1940. One of the first books written by the renowned RCA researcher, this seldom seen second edition embodies a theoretical analysis of the science of acoustics. Included are chapters on the microphone, loudspeakers and microphone calibration showing different types of ribbon mikes then in use. 494 pages. 241 illus. Very Good condition. Rare. $45.00

284. **READ, OLIVER; The Recording And Reproduction Of Sound** . 2nd edition, 1956. The first complete book on all phases of sound beginning with a nice history, and a study of sound waves. A full discussion of recording methods and the equipment involved is included as well as microphones, pickups, amplifiers, loudspeakers, and LP records. 790 pages. 435 illus. Good + condition. Scarce. $35.00

SCIENCE FICTION

285. **GERNSBACH, HUGO; Ralph 124C41+ A Romance Of The Year 2660** . 1st edition, 1925. This extremely hard to find edition is what may be classified as a historic science fiction book. Presenting a very accurate picture of the future, Hugo predicts such far out things as radar, solar energy, space travel, and a host of others. The cleanest copy I've ever seen! 293 pages. 16 illus. Fine condition. Very Rare. $245.00

SCIENCE & TECHNOLOGY

286. **BAKER, R.; New & Improved** . 1st edition, 1976. A selection of the more significant inventions from the past three centuries; giving preference to the United Kingdom patents. These listings, many of which are illustrated, are alphabetically & chronogically organized, making it an excellent reference volume. The light bulb, telegraph and calculator are just a few of the many items. 168 pages. Fine condition. Uncommon. Dust Jacket. $15.00

287. **GILLISPIE, CHARLES C.; The Edge Of Objectivity** . Unknown edition, 1973. A trip through the minds of great scientists and the methods by which they formulated their theories. A personalized view from Galileo to Einstein as well as how each of their ideas affected one another. The foredge of the book is slightly stained. 562 pages. Good + condition. Uncommon. Softcover. $10.00

288. **HART, IVOR B.; Makers Of Science** . 1st edition, 1924. Sixteen accurate biographies of important men of science including Aristotle, Gilbert, Davy, Faraday, Kelvin & Ohm, and their most valuable accomplishments. Arranged chronologically , an especially appealing view of history in the making. Ex-library with tag on the cover. 320 pages. 120 illus. Good + condition. Scarce. $20.00

289. **HARVEY, E. NEWTON; A History Of Luminescence** . 1st edition, 1957. This large volume was published by the American Philosophical Society. The period covered in the book is from the earliest times until 1900. All forms of luminescence are discussed, including the incandescent light bulb, Crookes' tube, X-Rays, radium and ultraviolet to name a few. Includes an exhaustive bibliography covering 68 pgs. Great Stuff! 692 pages. Fine condition. Uncommon. $55.00

290. **LODGE, SIR OLIVER; The Survival of Man** . 1st edition, 1909. This book was an epic-marking work. It was the first book that had appeared dealing with psychical research from this famous British scientist. Included is much information on mental telepathy, and clairvoyance. 357 pages. Good + condition. Rare. $35.00

291. **SIEMENS & HALSKE CO.; Das Ubermikroskop Als Forschungsmittel** . 1st edition, 1941. A very early book on the electron microscope, written in German. Many photos of specimens are included in the text, and there is even a photo stereoview tucked inside a pocket in the back cover! 104 pages. 102 photos. Very Good condition. Rare. $35.00

292. **WOODBURY, DAVID O.; The Glass Giant Of Palomar** . 1st edition, 1939. The human story behind American astronomy culminating in the world's largest telescope. One of the biggest engineering stories of the 20th century, this well written book details every step, including the many mistakes involved with producing a 200 inch telescope. Written by the author of Elihu Thomson's biography. 368 pages. 22 photos. Fine condition. Uncommon. Dust Jacket. $25.00

TELEPHONE

293. **(TRADE CATALOG); Northern Electric Co.** . 1st edition, 1915. This is designated General Catalog # 4, and the date I have is approximate, as none is indicated in the text. This massive catalog includes everything you could imagine that has to do with the telephone. From phone booths to insulators, fire alarms, test instruments & lighting supplies, its all here! Covers are worn. 1119 pages. Good + condition. Rare. $85.00

294. **ALLSOP, F. C.; Telephones: Their Construction And Fitting** . 4th edition, 1897. This finely illustrated volume shows many vintage telephones and their related equipment. Containing 4 folding plates which portray numerous early systems, it covers the early Hughes and Blake transmitters, as well as many others. 256 pages. 208 illus. Good + condition. Rare. $75.00

295. **AMERICAN BELL TELEPHONE COMPANY; The Bell Telephone: The Deposition of Alexander Graham Bell** . 1st edition, 1908. This is the complete deposition in the suit brought by the United States to annul the Bell patents. Originally occurring in 1876-1877, all the information on the early history of the telephone is well described in the court documents. Historically important telephones are illustrated in this important and seldom seen volume. 469 pages. 40 illus. Very Good condition. Very Rare. $195.00

296. **BALDWIN, F.G.C.; The History Of The Telephone In The United Kingdom** . 1st edition, 1925. A monumental & wonderful work on the subject, incorporating as complete a record as possible for the telephone historian and collector. The author takes the reader from Bell's invention & its introduction in England to the 1920's. Many excellent photos accompany the fascinating text. The cover is nicely embossed in gold! 728 pages. 186 illus. Very Good condition. Very Rare. $185.00

297. **BOETTINGER, H.M.; The Telephone Book** . 1st edition, 1977. A pictorial history of the telephone in vibrant colors and black & white. This was published as a commemoration of Bell Systems' 100 years in the telephone business. This folio size history book contains more rare photos than I've seen anywhere else. An excellent coffee table volume. Includes a colorful dust jacket. 192 pages. Fine condition. Uncommon. $30.00

298. **BOTTONE, S.R.; Electric Bells and All About Them** . 2nd edition, 1889. A thorough treatise on electric bells, from choosing the proper batteries to wiring and troubleshooting. The illustrations make the book a must for anyone having a strong interest in early telephony. 196 pages. 99 illus. Very Good condition. Scarce. $25.00

299. **DENNISON, R.T.A.; Private Automatic Branch Exchanges** . 1st edition, 1929. An extensive overview of the branch exchange system of automatic telephony geared towards those already familiar with its general principles. The main systems covered include Strowger, Siemens Bros, Standard and Relay, all of which show fine illustrations using numerous folding plates. 291 pages. 99 illus. Very Good condition. Scarce. $25.00

300. **GIBSON, CHARLES R.; How Telegraphs and Telephones Work** . 1st edition, 1909. Everything you wanted to know about telegraphy, telephony, and even wireless telephony, explained in a non-technical language. An in-depth book on the subject, written in layman's terms. A hard to find title, this is the first copy we've had for sale. 156 pages. 15 illus. Good + condition. Rare. $55.00

301. **GOVERNMENT PRINTING OFFICE; Electrical Instruments and Telephones Of The U.S. Signal Corps** . 1st edition, 1910. A manual for the installation, operation, and maintenance of telephone and electrical equipment of the Signal Corps. Many photos and illustrations of early telephone apparatus are included, along with construction details for the poles and wires. This is designated as Signal Corps Manual #3 332 pages. 205 illus. Very Good condition. Scarce. $45.00

302. **GOVERNMENT PRINTING OFFICE; Investigation Of Charges Relating to The Pan-Electric Telephone Company** . 1st edition, 1886. This mammouth volume contains the testimoney taken by the committee appointed by the House Of Representatives to investigate charges against certain public officers relating to the Pan-Electric Telephone Company; and to suits by the United States to annul the Bell Telephone patents. Super history & reference! Nicely rebound in 3/4 blue cloth. 1314 pages. Very Good condition. Very Rare. $95.00

303. **HOPKINS, WILLIAM J.; Telephone Lines and Their Properties** . 6th edition, 1901. This nicely illustrated book covers the design, construction, and testing of overhead telephone lines. Also described are underground work, insulators, long distance lines, exchanges, switchboards, and interferences from outside forces. 307 pages. Very Good condition. Scarce. $40.00

304. **KINGSBURY, J.E.; The Telephone and Telephone Exchanges; Their Invention and Development** . 1st edition, 1915. A massive compilation of telephone history, outlining the major inventions & developments. Areas covered in detail include; transmitters, switchboards, switchboards, line construction, exchanges and automatic systems. Contains many illustrations of early apparatus. This is a quality Arno Press reprint published in 1972 558 pages. 170 illus. Very Good condition. Uncommon. $35.00

305. **LOCKWOOD, T.D.; Practical Information For Telephonists** . 2nd edition, 1893. An early book on the telephone, it presents many facts and figures about the speaking telephone, the Blake transmitter, telephone lines, switchboard, and batteries. The daily routine of the telephone inspector and the knowledge needed for repairs is also discussed. The covers are worn at the extremeties. 192 pages. Good + condition. Rare. $75.00

306. **POOLE, JOSEPH; The Telephone Handbook** . 8th edition, 1942. A profusely illustrated work covering receivers, transmitters, signaling apparatus, switchboards, and exchanges. Previously titled The Practical Telephone Handbook, it includes many illustrations of apparatus in use at the time of WWII. 510 pages. 396 illus. Good + condition. Scarce. $20.00

307. **POUND, ARTHUR; The Telephone Idea - Fifty Years Later** . 1st edition, 1926. A unique look at the personalities who invented the telephone, recorded on the 50th anniversary of its discovery. This book relates the changes that have come about, especially in the rural community, and the telephone's impact on the country as a whole. 56 pages. Good + condition. Rare. $20.00

308. **PREECE, WILLIAM H. AND STUBBS, ARTHUR J.; A Manual Of Telephony** . 1st edition, 1893. A wonderful history of the telephone, developing its theoretical aspects and practical applications. Many illustrations of early equipment complement the text; a must for the telephone historian. A thorough account of the early days of telephony by one of its pioneers. 508 pages. 333 illus. Very Good condition. Rare. $65.00

309. **PRESCOTT, GEORGE B.; Bell's Electric Speaking Telephone** . 1st edition, 1884. A 1972 Arno Press Reprint of the 1st edition of Prescott's premier work on the telephone. The early history is enhanced by nice illustrations and folding plates of historic apparatus. The many inventors whose contributions led to the telephone are discussed in detail. From The Teleglobe Canada Library. 526 pages. 330 illus. Very Good condition. Very Rare. $45.00

310. **ROTTH, AUGUST; Das Telephon** . 1st edition, 1927. A history of the telephone, written entirely in German. Quite a bit is about Reis, as well as Gray & Bell. Their early telephone apparatus is well illustrated and described. 148 pages. 33 illus. Very Good condition. Rare. $60.00

311. **SHEPARDSON, GEORGE D.; Telephone Apparatus** . 1st edition, 1917. This volume deals primarily with receivers, transmitters and their specific circuits. Numerous illustrations augment the text. Included is an appendix titled; The Historical Notes On Signaling Devices. Many footnotes and references are given throughout the text, along with a bibliography at the end. The rear cover is slightly creased. 337 pages. 115 illus. Good + condition. Rare. $35.00

TELEGRAPHY

312. **BRIGGS, CHARLES F. AND MAVERICK, AUGUSTUS; The Story Of The Telegraph and A History Of The Great Atlantic Cable** . 1st edition, 1858. A complete record of the inception, progress, and final success of the Atlantic Cable, including a general history of land and oceanic telegraphs, with descriptions of telegraphic apparatus & biographical sketches of the principal persons involved. Includes a hand colored folding map. Nicely rebound in 3/4 blue cloth, the pages are yellowed 255 pages. 13 illus. Good + condition. Very Rare. $185.00

313. **BRIGHT, CHARLES; Story Of The Atlantic Cable** . 1st edition, 1903. An accurate account of the trials and tribulations of Charles T. Bright. Includes many illustrations depicting apparatus and cable, as well as the ships that were used in the endeavor. A history of other submarine cable attempts is also covered. The cover is nicely embossed in gold showing an early telegraph system. 222 pages. 54 illus. Very Good condition. Rare. $75.00

314. **MORSE, EDWARD LIND MORSE; Samuel F. B. Morse; His Letters And Journals** . 1st edition, 1914. Contained in 2 volumes, this is the most in-depth study of Morse's life and his work on the telegraph done up to this time. Written by his son, Edward, this well written and useful biography is based on personal notes, journals, and scientific records bearing on the invention of the telegraph. 988 pages. 26 photos. Very Good condition. Rare. $95.00

315. **MULLALY, JOHN; The Laying Of The Cable, Or The Ocean Telegraph** . 1st edition, 1858. Written in the ocean telegraph's infancy, this famous volume includes detailed accounts of the first expeditions to lay the Atlantic Cable. Biographical sketches of the men involved are included, covering such personages as Cyrus Field, Charles Bright & William Everett. Nicely rebound in 3/4 blue cloth. Title page is damaged at the corners w/loss 329 pages. 39 illus. Fair condition. Very Rare. $145.00

316. **PRESCOTT, GEORGE E.; Electricity and the Electric Telegraph** . 1st edition, 1877. The complete book of electricity and telegraphy, providing an excellent historical account. Describes all the working telegraph systems at the time, along with hundreds of illustrations of seldom seen apparatus. This thick volume was the ultimate telegraph book of the day. From The George Shiers' Library. 978 pages. 564 illus. Good + condition. Very Rare. $165.00

TRANSISTOR

317. **COBLENZ, ABRAHAM AND OWENS, HARRY L.; Transistors: Theory and Applications** . 1st edition, 1955. An early practical treatment of transistors, showing their principles of operation, how they are made, and how they are applied in electronic circuits. Contains many illustrations and a bibliography at the end of each chapter. 313 pages. Fine condition. Uncommon. Dust Jacket. $15.00

318. **DEPARTMENT OF THE ARMY; Basic Theory and Application Of Transistors** . 1st edition, 1959. This is TM 11-690, written for use in the armed forces. An easy to follow manual for the electronic technician with a background in electron tube technology. 263 pages. 240 illus. Very Good condition. Uncommon. Softcover. $10.00

319. **RCA LABORATORIES; Transistors I** . 1st edition, 1956. The volume is made up of 31 complete papers not previously published, 10 papers which have appeared in periodicals, and 46 abstracts. It reflects RCA's extensive research and development work on the transistor, as well as its many applications in the electronics field. 676 pages. Very Good condition. Scarce. $45.00

320. **SHEA, RICHARD F.; Transistor Audio Amplifiers** . 1st edition, 1955. A practical book, written to aid the engineer with a background in vacuum tube technology. It enables him to use the transistor in audio amplifier designs of many types, thereby achieving the ultimate performance. An early work along these lines. 219 pages. Very Good condition. Uncommon. Dust Jacket. $15.00

TESLA & HIGH VOLTAGE

321. **BECKHARD, ARTHUR J.; Nikola Tesla- Electrical Genius** . 1st edition, 1967. A scarce and outstanding biography of Tesla, told in a romantic, easy to read style. He wanted to give the world free energy as part of a world wide wireless system, but financial concerns limited his abilities to continue experimentations. Ex-library. 192 pages. Very Good condition. Scarce. $20.00

322. **BONNEY, G.E.; Electrical Experiments** . 1st edition, 1893. A scarce edition describing experiments accompanied by engravings of static machines, geissler tubes, induction coils and related apparatus. The front cover is graced by an attractive embossed display of an early induction coil and glowing geissler tubes, inlaid in silver. 252 pages. 144 illus. Good + condition. Rare. $115.00

323. **CHENEY, MARGARET; Tesla: Man Out Of Time** . 2nd edition, 1989. This is the life story of the genius of the electrical world in the late 19th and early 20th centuries. The text is well documented, and well written, and will hold the readers' attention until he finishes the book. Includes a nice illustrated dust jacket. 320 pages. Fine condition. Common. $15.00

324. **COLLINS, A. FREDERICK; Design & Construction Of Induction Coils** . 1st edition, 1908. Written by a pioneer in wireless telegraphy, this book gives the construction details and many illustrations for 8 different induction coils, which range in size from 1/2" to 12". Meticulous care is given in each step to achieve the best possible results. This is a quality 1990 reprint of the original edition, in hardcover. 272 pages. 155 illus. Fine condition. Common. $25.00

325. **D'ALBE, FOURNIER; The Life of Sir William Crookes** . 1st edition, 1924. The fascinating story of the man who invented the high-vacuum air pump and his subsequent discovery of Cathode rays. He formulated the laws of "Radiant" state of matter. This is the most accurate account of Crookes and his work in physics. An very tough book to find! 413 pages. 5 photos. Very Good condition. Rare. $115.00

326. **DYER; Intensity Coils: How Made and How Used** . 17th edition, 1891. A curious little volume covering the induction coil, electric light, the telephone, the microphone, and the phonograph. Of special interest is the chapter; "Seeing By Electricity", where the action of selenium squares is thought to be useful for future pictures--Television. A 60 pg. catalog of scientific instruments is included, & has a color cover 79 pages. 68 illus. Good + condition. Rare. $95.00

327. **EBERHART, NOBLE M.; A Working Manual Of High Frequency Currents** . 4th edition, 1920. This manual covers the theory and application of using high frequency waves in healing the infirm. Many types of apparatus are illustrated, including the Tesla coil, Oudin coil, and X-ray. An interesting book. 320 pages. 69 illus. Very Good condition. Scarce. $55.00

328. **HALLER, GEORGE AND CUNNINGHAM, ELMER; The Tesla High-Frequency Coil** . 1st edition, 1910. The construction of the Tesla coil and its related apparatus is well described and illustrated in this seldom seen book. The uses of the coil, such as the X-ray and Geissler effect, are also discussed. A perfect book for the Tesla zealot, containing little mathematical theory, but much detail on the assembly of different coils. 119 pages. 56 illus. Very Good condition. Very Rare. $130.00

329. **HUNT, INEZ & DRAPER, WANETTA W.; Lightning In His Hand: The Life Story Of Nikola Tesla** . 1st edition, 1977. Written to inspire young scientists and ensure Tesla wouldn't be forgotten, the authors worked with the Library Of Congress to include previously unpublished correspondence in this new account. This is a 1977 reprint of the original 1964 edition. Includes a nicely illustrated dust jacket. 269 pages. 18 photos. Fine condition. Uncommon. $25.00

330. **MARTIN, THOMAS COMMERFORD; Inventions, Researches And Writings Of Nikola Tesla** . 2nd edition, 1894. A seldom seen volume that contains special reference to his work in Polyphase Currents and High Potential Lighting. Profusely illustrated with many of his experiments on High Frequency. This is a rarely seen first edition of a very important work. 496 pages. 313 illus. Very Good condition. Very Rare. $235.00

331. **NIKOLA TESLA MUSEUM (PUBLISHER); Nikola Tesla 1856 - 1943 Lectures, Patents, Articles** . 1st edition, 1956. A major compilation of Tesla's most famous articles, lectures and patents including a fine biographical sketch, published by the Tesla Museum in Belgrade. This is a very large (and heavy) book, and is the rarely seen original printing published on the 100th anniversary of Tesla's birth. Depicts many rare photos and illustrations. Super! 842 pages. 16 photos. 123 illus. Fine condition. Rare. $165.00

332. **NOLIT (PUBLISHER); Nikola Tesla- Colorado Springs Notes 1899 - 1900** . 1st edition, 1978. This volume is the third in a series published by The Nikola Tesla Museum in Beograd to commemorate the 120th anniversary of his birth. This volume is beautifully bound in a leather-like padded binding with gilt decorations. The first time that his notes were disclosed to the public, it provides a unique insight to his work in Colorado. 437 pages. 184 photos. 45 illus. Fine condition. Scarce. $125.00

333. **NORRIE, H.S.; Induction Coils** . 2nd edition, 1901. This wonderful book describes how to make, use, and repair induction coils. Covered are Ruhmkorff, Tesla, Roentgen, Wireless, and medical coils. A large chapter on coil construction is included. The cover is nicely illustrated with a complete Roentgen Ray setup in gold leaf. Crookes' tubes, Geissler tubes & even rotating displays are discussed. 269 pages. 78 illus. Very Good condition. Rare. $115.00

334. **SCHONLAND, B.F.; Atmospheric Electricity** . 2nd edition, 1953. A basic overview of the phusical changes which combine to produce extreme static discharges. From ionized air to lightning, many experiments are sumarized, qualified with accompanying equations. 95 pages. 20 illus. Very Good condition. Scarce. $20.00

335. **THOMPSON, SILVANUS P.; Polyphase Electric Currents and Alternate Current Motors** . 1st edition, 1896. A course of four lectures compiled in book form for use by students and engineers. The Tesla polyphase motor is covered in depth.It contains an excellent bibliography as well as a list of patents on the subject. Includes 2 folding plates at the rear. 261 pages. 171 illus. Very Good condition. Rare. $85.00

TELEVISION

336. **(MAGAZINES); Practical Television** . 1st edition, 1950. This is a collection of 6 magazines, from Vol. 1 #2 up to Vol. 1 #7 covering May to December, 1950. Edited by F.J. Camm, this British publication includes articles on early color television, and reviews of new equipment. 285 pages. Good + condition. Scarce. Softcover. $20.00

337. **BARNARD, GEORGE P.; The Selenium Cell; Its Properties and Applications** . 1st edition, 1930. This covers the early history, construction, properties, and theories of the action of light on selenium. Included are two significant chapters covering light-telephony and television. Contains an excellent bibliography at the end of each chapter with over 800 entries. A landmark volume, with soiling to 2 pages. 331 pages. 258 illus. Very Good condition. Rare. $55.00

338. **BARNOUW, ERIK; Tube Of Plenty- The Evolution Of American Television** . 1st edition, 1975. A history of television and how its progress has been influenced by American culture & society. An excellent volume which provides a condensation and update of the author's famous book; "History Of Broadcasting", which he published a few years prior. Includes a nicely illustrated dust jacket. Ex-Library. 518 pages. 164 photos. 197 illus. Very Good condition. Uncommon. $15.00

339. **BRITISH BROADCASTING CORP.; Educational Television and Radio in Britain** . 1st edition, 1967. The first comprehensive work on the subject, showing the rapid developments in this field. 292 pages. Fine condition. Uncommon. Dust Jacket. $10.00

340. **BRITISH BROADCASTING CORP.; B.B.C. Annual 1937** . 1st edition, 1937. A British publication, including many photos of royalty. King George VI's broadcasts are highlighted, along with the major events of 1936. Contains 19 pages dedicated to television, as the official opening of the Alexandria Palace station took place in November. Many photos and an excellent description of the station are included. Chipped cover. 176 pages. 103 photos. Good + condition. Scarce. $30.00

341. **CAMM, F. J.; Newnes Television and Shortwave Handbook** . 1st edition, 1934. A fine copy of an excellent book which portrays television by both mechanical and electronic, or cathrode-ray TV. Includes a description on how to build your own scanning-disc TV. Contains many photos and illustrations of early apparatus. 256 pages. 61 photos. 169 illus. Very Good condition. Scarce. $45.00

342. **CAMPBELL, NORMAN R. AND RITCHIE, DOROTHY; Photoelectric Cells .** 2nd edition, 1930. An early work on the subject, giving a thorough overview of the theory, use and applications of photocells. The first copy we've had for sale. 217 pages. 41 illus. Very Good condition. Scarce.$35.00

343. **CHAPPLE, H. J. BARTON; Television For The Amateur Constructor .** 1st edition, 1933. This is the earliest book specifically devoted to the building of television receiving sets at home. Mainly covering the scanning disc TV, there is mention of of electronic television. Contains a nice 34 page advertising section at the rear of the book depicting television parts for sale. Some wear around the edges of the front cover, O/W VG. 233 pages. 44 photos. 102 illus. Good condition. Rare. $85.00

344. **EDDY, WILLIAM C.; Television - The Eyes Of Tommorrow .** 1st edition, 1945. This book contains a broad review of the history and development of television. Current practices in the field are explained and shown in the many photos. The television control room, studio, and stage are described in detail. There is even a chapter on color television! The top of the spine is worn. 330 pages. Good + condition. Scarce. $40.00

345. **FARNSWORTH, ELMA G.; Distant Vision: Philo T. Farnsworth .** 1st edition, 1990. The story of the great inventor of the first electronic television picture in 1927, highlighting his personal struggles and accomplishments. A wonderful account by his widow, who has signed the inside of the front cover. 359 pages. 85 photos. Fine condition. Uncommon. Dust Jacket. $30.00

346. **FEDERAL COMMUNICATIONS COMMISSION; Petition Of RCA And NBC For Approval Of Color Standards For The RCA Color TV .** 1st edition, 1953. This is the complete court documents of the RCA color television petition. Profusely illustrated with many photos of developmental color receivers, cameras, and other related equipment, this is a rarely seen book written at the dawn of color television. 695 pages. Very Good condition. Rare. Softcover. $85.00

347. **FELIX, EDGAR H.; Television- It's Methods And Uses .** 1st edition, 1931. An early treatise on scanning disc television, with only a casual mention of the cathode ray system. Containing many photos of early apparatus and experiments, it also includes an interesting chapter on the future of television. 272 pages. 73 illus. Fine condition. Rare. $90.00

348. **FINK, DONALD G.; Principles of Television Engineering .** 1st edition, 1940. This book provides a technical and practical treatment of methods and equipment, image analysis, camera tubes, scanning beams, video applications and the receiver. It enabled the technical worker to make transition from familiarity with radio engineering to familiarity with television engineering. 541 pages. 90 photos. 221 illus. Very Good condition. Uncommon. $25.00

349. **GENERAL ELECTRIC CO.; Television At WRGB** . 1st edition, 1944. A profusely illustrated booklet which serves as a testimonial to GE's faith in the future of television. On the air since 1939, this station was used primarily for experiments in programming and engineering problems. Includes a look into the past (1928), as well as a look in the future and what was in store. A nice colorful booklet 8 1/2" x 10" 22 pages. Very Good condition. Rare. Softcover. $55.00

350. **GLASFORD, GLENN M.; Fundamentals Of Television Engineering** . 1st edition, 1955. This volume is intended to fill the need for a reference book relating to the engineering problems of the many phases of practical television systems. The emphasis throughout the book is on systems concepts and on their implementation in the form of the circuits of television circuits and their analysis. Contains a bibliography in each chapter. 642 pages. 431 illus. Very Good condition. Uncommon. $10.00

351. **GOLDSMITH, ALFRED N.; Television - Volume IV, 1942-1946** . 1st edition, 1949. Published by the RCA Corp., this book contains much information on the early development of electronic television. Profusely illustrated with photos of early television apparatus. Included is a detailed bibliography of 275 technical television papers by RCA authors from 1929-1946. An excellent reference volume. 510 pages. 70 photos. 130 illus. Fine condition. Uncommon. $40.00

352. **GOLDSMITH, ALFRED N.; Television - Volume VI, 1949-1950** . 1st edition, 1950. Published by the RCA Corp., this book contains much information on the early development of electronic television. Profusely illustrated with photos of early television apparatus. The material covered in this volume includes Color TV and UHF. This is the sixth and final volume of the RCA series. 422 pages. 66 photos. 126 illus. Fine condition. Uncommon. $40.00

353. **GOLDSMITH, DR. ALFRED N.; Radio Facsimile** . 1st edition, 1938. This is an assemblage of papers from engineers of the RCA laboratories relating to the radio transmission and recorded reception of permanent images. This is one of the first books printed on the subject. A large number of photos and illustrations are included. 353 pages. Very Good condition. Scarce. Softcover. $25.00

354. **GOURIET, G.G.; An Introduction To Color Television** . 1st edition, 1955. This monograph incorporates 2 lectures presented to The Royal Institution in 1954 on color television theory and principles utilizing the N.T.S.C. system. Some of the illustrations are in color. The cover states: Issued for the use of BBC Staff only, not for resale. It has an ink stain along the foredge, not affecting the text. 72 pages. 28 illus. Good + condition. Rare. Softcover. $45.00

355. **HAZELTINE CORP. LABORATORIES STAFF; Color Television Practices** . 1st edition, 1955. Hazeltine was one of the prime contributors to the development of the first compatible color television system approved by the FCC under the NTSC guidelines. This book describes in detail, the various circuits and signals employed in the dawn of color television. 200 pages. 96 illus. Very Good condition. Scarce. Softcover. $20.00

356. **HUTCHINSON, THOMAS; Here Is Television** . 1st edition, 1948. A comprehensive account of television in 1948 and predictions for its future. Written in non-technical language, an overall view of the industry, from the studio to home reception. Includes a nice illustrated dust jacket. 366 pages. 94 illus. Very Good condition. Scarce. $20.00

357. **JENKINS, C. FRANCIS; Vision By Radio - Radio Photographs** . 1st edition, 1925. A rarely seen book, which was the first written in the U.S. on the subject of television. Profusely illustrated with photos of early television sending and receiving apparatus. Included is a complete historical sketch of Jenkins' Radio Photography. A very nice copy of a very desirable book. 140 pages. 35 photos. 30 illus. Fine condition. Rare. $175.00

358. **KORN, TERRY AND ELIZABETH M.; Trailblazer To Television** . 1st edition, 1950. This is the story of Dr. Arthur Korn, the scientist who transmitted the first picture across the Atlantic- an important step on the road to television. A scarce biography written by Dr. Korn's wife and daughter-in-law, this is the first copy we've had for sale. Ex-library. 144 pages. Very Good condition. Scarce. $40.00

359. **MALOFF, I.G. AND EPSTEIN, D.W.; Electron Optics In Television** . 1st edition, 1938. Written by engineers from the RCA research labs, a first hand account of their experiences. This book was principally concerned with uniting the theory of electron optics with its application, the cathode ray tube. Contains hundreds of photos and illustrations. 299 pages. Fine condition. Scarce. $40.00

360. **MARGARET BAIRD; Television Baird** . 1st edition, 1973. The story of the man who invented television as told by his wife. Contains some nice photos of his early experiments. A fine personal account of Baird's experiments. 160 pages. 15 photos. Fine condition. Uncommon. Dust Jacket. $20.00

361. **MATHEWS, A.C.; Television Components Handbook** . 1st edition, 1949. A practical reference to fill the gap between the general engineering handbook and formal textbook, written for the engineer, technician & student. From the Bell Aircraft Corp. Library. 160 pages. 75 illus. Good + condition. Scarce. $10.00

362. **MOSELEY, SYDNEY; John Baird** . 1st edition, 1952. A seldom-seen biography which covers the romance and tragedy of the Pioneer of Television. An excellent history on early television, it includes his trip to America and eagerness to sell his system over here. 256 pages. 11 photos. Fine condition. Scarce. Dust Jacket. $30.00

363. **MOSELEY, SYDNEY A. AND CHAPPLE, BARTON H.J.; Television - Today & Tomorrow** . 2nd edition, 1931. An incredible book on the early development of television. This work is profusely illustrated with many rare photos of early television transmitting and receiving apparatus. Included is a 21-page chapter on the history of television. A must have book for the television historian. 163 pages. 64 photos. 44 illus. Very Good condition. Rare. $85.00

364. **N.T.S.C.; Color Television Standards** . 1st edition, 1955. This book, edited by Donald G. Fink, contains selected papers and records of the National Television System Committee (NTSC). Not to be confused with the red softcover published by RCA, this book covers in detail, the history and development behind color television, as well as the signals, circuits and processes involved in its reception. 520 pages. 348 illus. Good + condition. Rare. $55.00

365. **NATIONAL BROADCASTING CORP.; NBC Television Tour** . 1st edition, 1939. A rarely seen booklet published by NBC for its television building at the World's Fair in 1939. Profusely illustrated with many photos I've never seen before of the display and layout of the building. There are even some shots of the inside of the RCA TV assembly lines, and a historical exhibit. 36 pages. 65 photos. Very Good condition. Rare. Softcover. $95.00

366. **PHILLIPS, VIVIAN J.; Waveforms: A History Of Early Oscillography** . 1st edition, 1987. The early history and development of oscillography beginning with Wheatstone's first experiments. The Blondel/Duddell mechanical oscillograph is one of many carefully described and illustrated, leading up through other experiments to finish with the modern day cathode ray tube. 259 pages. 211 illus. Fine condition. Common. Dust Jacket. $30.00

367. **PITTARO, ERNEST M.; TV And Film Production Data Book** . 1st edition, 1959. An extensive reference book intended for use by those working in fields such as commercial, theatrical, educational, and television. Many photos of equipment are displayed throughout the book. The dust jacket states that this book contains 198,000 words! All types of equipment are described, including various early video tape units. 448 pages. 132 illus. Fine condition. Rare. Dust Jacket. $45.00

368. **RADIO MANUFACTURERS ASSOCIATION; Is Color Television Ready For The Home?** . 1st edition, 1949. Published for "The Information of the Television Industry" by the Radio Mfgrs. Assoc. in about 1949. This is probably one of the first booklets that addressed the public with the data known at the time, relying heavily on the CBS system, which was mechanical, and the RCA system, which was electronic. 8 pages. Fine condition. Rare. Softcover. $15.00

369. **RCA LABORATORIES; Color Television- Theory * Equipment * Operation** . 2nd edition, 1959. A television technical training manual prepared especially for the use of personel concerned with the planning, operation, and maintenance of color television for broadcast stations. All phases of color television are covered, including the color videotape recorder! Contains many photos of early color TV equipment. 223 pages. 74 photos. 156 illus. Very Good condition. Scarce. $20.00

370. **RCA SERVICE CO.; Practical Color Television For The Service Industry** . 1st edition, 1953. This is the first printing of the initial publication targeted for the color television service technician. It covers the fundamentals relating to color television, color TV circuitry, and installation & Service. Includes many color illustrations and a bibliography on color TV literature. 58 pages. 100 illus. Fine condition. Scarce. Softcover. $20.00

371. **RIDER, JOHN; Encyclopedia On Cathode Ray Oscilloscopes And Their Uses** . 1st edition, 1950. A profusely illustrated, very large volume which presents a cross section of cathode ray oscilloscope theory and application. It covers the most significant uses of the oscilloscope, including repair, experimentation, and monitoring. 982 pages. Very Good condition. Uncommon. $25.00

372. **SAUNDERS, ALBERT C.; Photofact Television Course** . 1st edition, 1949. Designated as TV-1, this is the first printing of the Howard W. Sams' course in television. All areas of the television receiver are covered, in particular those circuits involved with the cathode-ray tube. Includes an extensive bibliography of books and pamphlets on TV. 215 pages. 250 illus. Very Good condition. Scarce. Softcover. $20.00

373. **SHELDON, H. HORTON AND GRISWOOD, E. N.; Television: Present Methods Of Picture Transmission** . 1st edition, 1929. This early book gives a liberal insight into the problems and developments of television, together with details and instructions for building a receiver for the home. Devoted only to Scanning disc, many nice photos of early gear are shown. A nice copy of an exceedingly hard book to find. 194 pages. 129 illus. Very Good condition. Rare. $115.00

374. **SWIFT, JOHN; Adventure in Vision** . 1st edition, 1950. A wonderfully informative history of the first twenty-five years of television. Profusely illustrated with many photographs of early equipment and studios. Probably the best history written on the subject up to 1960. 223 pages. 73 photos. 15 illus. Good + condition. Scarce. $45.00

375. **ZWORYKIN, V.K. AND MORTON, G.A.; Television: The Electronics Of Image Transmission** . 1st edition, 1940. One of the 1st books about electronic television, a comprehensive view on the subject. RCA's engineering staff worked hand in hand with the authors reinforcing the information with many drawings and photos. An extra nice copy of this important book. 646 pages. 509 illus. Very Good condition. Rare. $45.00

376. **ZWORYKIN, V.K., MORTON, G.A. & OTHERS; Electron Optics And The Electron Microscope** . 1st edition, 1945. One of the most comprehensive texts covering the electron microscope in all its phases. The authors are all engineers from the RCA Labs in Princeton, N.J., and quite knowledgeable in the field. Contains many photos, illustrations and diagrams concerning the electron microscope. From The U.S. Naval Proving Ground Library. 766 pages. Very Good condition. Rare. $55.00

VACUUM TUBES

377. **BUCHER, ELMER E.; Vacuum Tubes in Wireless Communication** . 1st edition, 1919. This popular book was one of the first published concerning the development and application of vacuum tubes as used in wireless. Contains much information on regenerative receivers and continuous wave circuits, as well as its use as an amplifier. 202 pages. 148 illus. Very Good condition. Uncommon. $25.00

378. **FLEMING, JOHN A.; The Thermionic Valve and its Developments in Radiotelegraphy and Telephony** . 1st edition, 1919. A landmark work on the subject. Contained is a 46-page history of the vacuum tube, a 56-page chapter on the Fleming valve and a considerable amount of information on the valve as a oscillator, detector, and amplifier. A nice copy of seldom seen book written by the inventor of the two element vacuum tube. 279 pages. 144 illus. Good + condition. . $75.00

379. **KLOEFFLER, ROYCE GERALD; Electron Tubes** . 1st edition, 1966. This college level volume is designed to cover the construction, theory of operation, and characteristics of electron tube devices, both vacuum and gaseous. The text stresses graphical analysis reinforced by algebraic equations along with a detailed discussion of amplifier and rectifier circuits. 262 pages. 245 illus. Fine condition. Uncommon. $15.00

380. **MACGREGOR-MORRIS, J.T.; The Inventor of the Valve** . 1st edition, 1954. This is a seldom seen biography of Sir Ambrose Fleming, published on the 50th anniversary of the filing of the patent for the Fleming valve. An excellent biography of Fleming's early life and inventions. A chronological list of Fleming's books is included. This is a presentation copy signed by the author! 141 pages. 22 illus. Fine condition. Scarce. $75.00

381. **RCA TUBE DEPARTMENT; RCA Receiving Tube Manual** . 12th edition, 1961. This is RCA's type RC 21 tube manual, which contains a vast amount of information on the technical data of most receiving tubes. 481 pages. Very Good condition. Common. Softcover. $20.00

382. **SCOTT-TAGGART, JOHN; Elementary Text-Book on Wireless Vacuum Tubes** . 1st edition, 1922. This most noted book on vacuum tubes contains an entire chapter on the Fleming valve! Other interesting chapters are The Three-Electrode Vacuum Tube, Regenerative Receiving, Continuous Wave Circuits, Vacuum Tube Transmitters and Radio-Telephony Systems. The cover is slightly worn. 232 pages. 136 illus. Good + condition. Scarce. $45.00

383. **STOKES, JOHN W.; 70 Years Of Radio Tubes And Valves** . 1st edition, 1982. This book outlines the evolution of the vacuum tube, both domestic and foreign. Profusely illustrated with hundreds of photos and illus., this makes a perfect companion book to the Saga Of The Vacuum Tube by Gerald Tyne. 247 pages. Very Good condition. Common. Dust Jacket. $30.00

384. **TYNE, GERALD F. J.; Saga Of The Vacuum Tube** . 1st edition, 1977. This is the first printing of the most important work on the history of the vacuum tube. Profusely illustrated with many photos of common and very rare tubes, this has become the collector's standard when seeking info on an unusual glass piece. This book is now out of print and getting tough to obtain. 494 pages. Fine condition. Common. Dust Jacket. $35.00

385. **(PERIODICAL- BOUND VOLUME); Radio Amateur News Vol. I 1919 - 1920** . 1st edition, 1919. Probably the most coveted periodical, these twelve issues made up the whole run of this title, which ran from July, 1919 to June, 1920. The next issue was renamed "Radio News". Published by Hugo Gernsbach, he had forseen the explosion that was about to come in broadcasting. BOUND IN THE ORIGINAL PUBLISHERS BINDING WITH ORIGINAL COVERS & ADS!!! 736 pages. 999 illus. Very Good condition. Very Rare. $340.00

386. **(TRADE CATALOG); Electro Importing Co.** . 1st edition, 1920. This catalog #22, and I think contains the greatest color cover on a wireless catalog, depicting a topless woman in a flowing robe holding a lightbulb above a ship's wireless cabin! The catalog is in unusually nice condition, and includes much early wireless apparatus, crystal sets and spark gear. (SEE FRONT COVER ILLUSTRATION) 80 pages. Very Good condition. Rare. $95.00

387. **BISHOP, LEON W.; The Wireless Operator's Pocketbook Of Information And Diagrams** . 1st edition, 1911. An excellent volume covering all the details of wireless telegraphy needed to build and operate your own station. The author, who worked with John Stone Stone, and was helped writing this book by Greenleaf W. Pickard, has illustrated some early Wireless Specialty detectors and equipment. The appendix contains a listing of stations. 200 pages. 105 illus. Good + condition. Rare. $75.00

388. **BOTTONE, S.R.; Wireless Telegraphy and Hertzian Waves** . 1st edition, 1900. An exceedingly rare copy of one of the earliest treatises on wireless telegraphy. Containing many illustrations of primitive wireless gear, even Tesla's wireless boat is shown. Included is an excellent history on the subject. A very nice copy of an important book published at the dawn of wireless, with some pencil notes on the front endpaper. 116 pages. 35 illus. Very Good condition. Very Rare. $145.00

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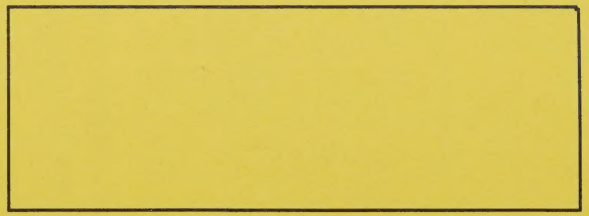

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